

ENTEC

ROTATIONAL MOLDING MATERIALS LINE CARD



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DOW RESILITY™ DPDB Rotational Molding Products

Grade	Applications	Melt Index	Density	Melting Point	Flex Modulus	Yield Strength	ESCR	HDT @ 66 psi	ARM Impact .125"	ARM Impact .250"
		(grams/10 min)	(g/cm³)	(°F)	(psi)	(psi)	(hrs)	(°F)	(ft-lb)	(ft-lb)
DPDB-3135 NT 7 MDPE	General Purpose Custom Molding, Agricultural & Chemical Storage Tanks, Consumer/Recreational Goods, Toys, IBC's, Marine Parts	3.5	0.938	259	108,000	3,120	> 1000	131	-	188
DPDB-3152 NT 7 MDPE	General Purpose Custom Molding, Consumer/Recreational Goods, Toys, IBC's, Industrial Packaging, Water Tanks, Marine Parts	5.2	0.935	258	95,000	2,730	> 1000	124	-	188
DPDB-3162 NT 7 MDPE	General Purpose Custom Molding, Consumer Goods, Toys, IBC's, Water Tanks, Marine Parts	6.2	0.940	258	119,000	3,360	> 48	133	-	185
DPDB-3170 NT 7 MDPE	General Purpose Custom Molding, Consumer/Recreational Goods, Toys, Water Tanks, Marine Parts	7	0.935	258	93,000	2,840	> 1000	125	-	170
DPDB-3220 NT 7 HDPE	General Purpose Custom Molding, Agricultural & Chemical Storage Tanks, Consumer/Recreational Goods, IBC's, Marine Parts	2	0.942	262	130,000	3,500	> 667	136	-	195

NOVA SURPASS® Rotational Molding Products

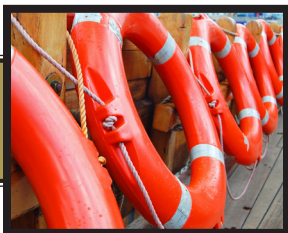
Grade	Applications	Melt Index	Density	Melting Point	Flex Modulus	Yield Strength	ESCR	HDT @ 66 psi	ARM Impact .125"	ARM Impact .250"
		(grams/10 min)	(g/cm³)	(°F)	(psi)	(psi)	(hrs)	(°F)	(ft-lb)	(ft-lb)
RM245U (UG) HDPE	Agricultural Tanks Up To 20,000 Gallons, Parts Requiring Exceptional Stiffness & Toughness, High ESCR & High UV Resistance	1.70	0.947	261	149,000	3,340	> 1000	145	55	181
RM341U (UG) HDPE	Custom & Proprietary Components, Recreational & Leisure Equipment, Containers, Large Tanks, Marine Products	3.50	0.941	259	119,000	2,900	> 1000	144	70	170
RM539U (UG) LLDPE	Custom & Proprietary Components, Recreational & Leisure Equipment, Containers, Large Tanks, Marine Products	5.20	0.939	257	113,000	2,900	> 1000	140	40	170

NOVA NOVAPOL® Rotational Molding Products

Grade	Applications	Melt Index	Density	Melting Point	Flex Modulus	Yield Strength	ESCR	HDT @ 66 psi	ARM Impact .125"	ARM Impact .250"
		(grams/10 min)	(g/cm³)	(°F)	(psi)	(psi)	(hrs)	(°F)	(ft-lb)	(ft-lb)
TR-0338-UI (UG) LLDPE	General Purpose Custom Molding, Agricultural & Chemical Storage Tanks, Consumer/Recreational Goods, Toys, IBC's, Marine Parts	3.50	0.938	257	110,200	2,800	> 1000	140	52	162
TR-0535-UI (UG) LLDPE	General Purpose Custom Molding, Consumer/Recreational Goods, Toys, IBC's, Industrial Packaging, Water Tanks, Marine Parts	5.00	0.935	257	98,600	2,540	> 1000	136	49	160
TR-0735-U (UG) LLDPE	General Purpose Custom Molding, Consumer/Recreational Goods, Toys, Water Tanks, Marine Parts	7.00	0.935	257	98,600	2,480	> 1000	136	50	150
TRx0338-U (UG) LLDPE	General Purpose Custom Molding, Chemical Containers, Fish Boxes, Septic Tanks, IBC's, Agricultural Storage Tanks	3.50	0.938	257	110,200	2,800	> 1000	140	57	200
TRx0535-U (UG) LLDPE	General Purpose Custom Molding, IBC's, Agricultural Storage Tanks, Toys, Marine Parts	5.00	0.935	257	98,600	2,500	> 1000	136	49	176

High Performance Engineered Rotational Molding Products

Grade	Applications	Melt Index	Density	Melting Point	Flex Modulus	Yield Strength	ESCR	HDT @ 66 psi	ARM Impact .125"	ARM Impact .250"
		(grams/10 min)	(g/cm ³)	(°F)	(psi)	(psi)	(hrs)	(°F)	(ft-lb)	(ft-lb)
AQUATUF® HMP 327 HDPE	Products Requiring Exceptional Stiffness, Toughness & Impact Resistance, Recreational & Leisure Equipment	6	0.947	-	165,000	3,350	-	-	55	-
AQUATUF® HMP 334 HDPE	Products Requiring Exceptional Stiffness, Toughness & Impact Resistance, Recreational & Leisure Equipment	4	0.947	272	160,000	3,200	-	143	60	-
AQUATUF® HMP 337 HDPE	Products Requiring Exceptional Stiffness, Toughness & Impact Resistance, Recreational & Leisure Equipment, UV 15 Package	4	0.949	275	170,000	3,300	-	140	60	-
HMP-321C1 HDPE	Products Requiring Exceptional Stiffness, Toughness & Impact Resistance, Recreational & Leisure Equipment	4	0.947	-	170,000	3,200	-	143	64	-
HMP-305M HDPE	Products Requiring Exceptional Stiffness, Toughness & Impact Resistance, Recreational & Leisure Equipment	5	0.945	-	150,000	3,000	-	-	56	-



General Color Compounded Rotational Molding Products

Grade	Applications	Melt Index	Density	Melting Point	Flex Modulus	Yield Strength	ESCR	HDT @ 66 psi	ARM Impact .125"	ARM Impact .250"
		(grams/10 min)	(g/cm ³)	(°F)	(psi)	(psi)	(hrs)	(°F)	(ft-lb)	(ft-lb)
HMP-301 HDPE	General Purpose Custom Molding, Agricultural & Chemical Storage Tanks, Consumer/Recreational Goods, IBC's, Marine Parts	2	0.944	261	107,000	3,100	> 1000	132	-	200
HMP-304 MDPE	General Purpose Custom Molding, Agricultural & Chemical Storage Tanks, Consumer/Recreational Goods, Toys, IBC's, Marine Parts	3.5	0.938	260	104,000	2,930	> 1000	133	60	186
HMP-305 MDPE	General Purpose Custom Molding, Consumer/Recreational Goods, Toys, IBC's, Industrial Packaging, Water Tanks, Marine Parts	5.2	0.935	257	95,000	2,720	> 1000	125	59	188
HMP-307 MDPE	General Purpose Custom Molding, Consumer/Recreational Goods, Toys, Water Tanks, Marine Parts	7	0.935	258	87,500	2,670	> 1000	123	53	168

High Performance Engineered Rotational Molding Products

Grade	Applications	Melt Index	Density	Melting Point	Flex Modulus	Yield Strength	ESCR	HDT @ 66 psi	ARM Impact .125"	ARM Impact .250"
		(grams/10 min)	(g/cm³)	(°F)	(psi)	(psi)	(hrs)	(°F)	(ft-lb)	(ft-lb)
HYLON® N7000G Nylon 12	Products That Need High Heat Stability, Hydrolysis Resistance, Chemical Resistance, Dimensional Stability, Physical Properties Retention After Prolonged Outdoor Exposure & High Temperatures	1.02	-	352	60,000	6,400	-	244	-	-
Superlink 110 Crosslink	Products That Need To Have Very High Stiffness Along With Good Impact Strength, Fuel Containment	-	0.942	-	110,000	2,900	> 1000	-	70	170
Superlink 114 Crosslink	Products That Need To Have Very High Stiffness Along With Good Impact Strength, Fuel Containment	-	0.945	-	119,000	2,850	> 1000	-	70	200
Superlink 120 Crosslink	Products That Need To Have Very High Stiffness Along With Good Impact Strength, Fuel Containment	-	0.942	-	110,000	2,900	> 1000	-	70	170
PPROTO/IM Polypropylene	Products That Need High Heat Stability, Chemical Resistance, Dimensional Stability	20	0.900	-	175,000	3,500	-	221	-	-
RESILITY™ XUS 58441.00 Soft Touch	Products That Need To Have Flexibility And/Or A Soft Touch Feel, Easily Blends With Standard PE	5	0.887	251	-	-	-	73	-	> 200
HMP-372A-XXXX V2 PE	Products Needing A V2 Flame Rated Material	5	0.937	-	129,000	2,500	-	-	-	-

