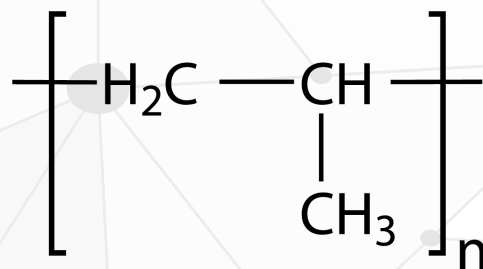
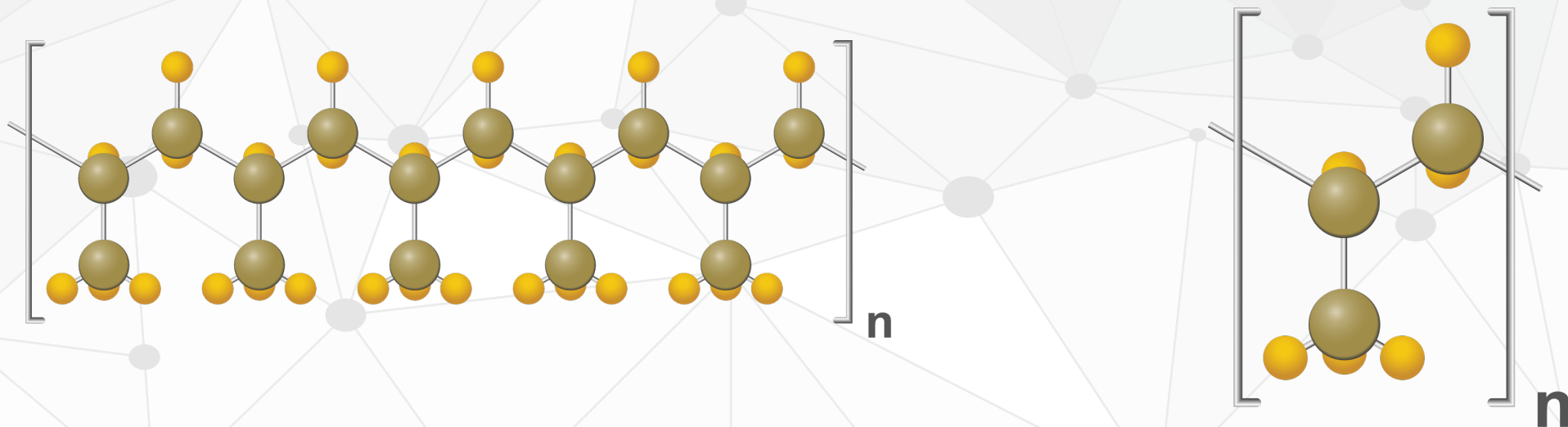




IMPACT MODIFIERS FOR POLYPROPYLENE COMPOUNDS



Entec Polymers offers the full range of Dow products that can be used to impact modify polypropylene compounds. The most commonly used products are the ENGAGE™ polyolefin elastomers as they offer an excellent cost / impact performance balance, including cold temperature impact. Dow INFUSE™ olefin block copolymers offers excellent impact performance, especially at cold temperatures. They also make an excellent compatibilizer for PP/PE blends. Dow VERSIFY™ polypropylene based elastomers offer good practical room temperature toughness and maintain clarity in clarified polypropylene. These modifiers are commonly used in the range of 5% to 30% loading level depending on the desired impact performance of the final compound. Contact your Entec Polymers sales representative for more information on these products, to request a sample for evaluation or to put you in touch with one of our experts.

MODIFIER GRADE	BASE POLYMER	MELT FLOW INDEX (190°C / 2.16 kg) (g / 10 min)	DENSITY (g/cm ³)	GLASS TRANSITION TEMPERATURE (°C)	MELTING POINT (°C)	COLD TEMPERATURE IMPACT
ENGAGE™ 8842	POE	1	0.857	-58	38	✓
ENGAGE™ 8180	POE	0.5	0.863	-55	47	✓
ENGAGE™ 8137	POE	13	0.864	-55	56	✓
ENGAGE™ 8150	POE	0.5	0.868	-52	55	✓
ENGAGE™ 8100	POE	1	0.870	-52	60	✓
ENGAGE™ 8200	POE	5	0.870	-53	59	✓
ENGAGE™ 8407	POE	30	0.870	-54	65	✓
ENGAGE™ XLT 8677	POE	0.5	0.870	-65	118	✓
INFUSE™ 9007	OBC	0.5	0.866	-62	119	✓
INFUSE™ 9107	OBC	1	0.866	-62	121	✓
INFUSE™ 9507	OBC	5	0.866	-62	119	✓
VERSIFY™ 3418	PBE	8	0.865	-30	55	✗
VERSIFY™ 4301	PBE	25	0.868	-27	64	✗

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