



Dow FUSABOND™ functionalized polymers help to improve compound performance by acting as a compatibilizer, coupling agent or impact modifiers. Some grades are also used as an adhesive in pipe coating applications.

GRADE	MELT FLOW RATE (190C/2.16kg)	DENSITY	RESIN FAMILY	PROCESS	APPLICATIONS / USES
A560	5.5	0.930	Acrylate	Compounding	Coupling agent / impact modifier for glass filled nylon
C190	16.0	0.950	EVA	Compounding	Compatibilizer & coupling agent, good for non-halogenated flame retardants
C250	1.4	0.962	EVA	Compounding	Compatibilizer & coupling agent, good for non-halogenated flame retardants
E100	2.0	0.954	HDPE	Compounding	Compatibilizer & coupling agent for polyolefin compounds
E158	1.8	0.927	LLDPE	Extrusion Coating	Pipe coating
E204	12.0	0.954	HDPE	Film	Concentrate for use in improving adhesion of PE to nylon and EVOH
E205	2.0	0.960	HDPE	Film	Compatibilizer & adhesion promoter, tie layer, polymer modification
E226	1.75	0.930	LLDPE	Compounding	Compatibilizer & coupling agent, good for WPC & non-halogenated flame retardants
E265	12.0	0.950	HDPE	Compounding	Compatibilizer & coupling agent, good for WPC & non-halogenated flame retardants
E528	6.7	0.922	PE	Compounding	Compatibilizer & coupling agent for filled polyolefin compounds
E564	4.0	0.927	PE	Extrusion Coating	Pipe coating
M603	25.0	0.940	E/MAH Equivalent Copolymer	Compounding	Coupling agent & compatibilizer for recycle stream
N216	1.3	0.870	POE	Compounding	Impact modifier for nylon
N416	23.0	0.869	EPDM	Compounding	Impact modifier for nylon 66
N493	1.6	0.870	POE	Compounding	High performance impact modifier for nylon 6
N525	3.7	0.880	POE	Compounding	Impact modifier for nylon
N598	2.0	0.870	Ethylene Copolymer	Compounding	Impact modifier for nylon, reduces melt viscosity
P613	120.0	0.903	PP	Compounding	Coupling agent for PP compounds & glass fiber sizing used in PP - glass filled compounds
P353	22.4 (160C/0.325kg)	0.904	PP	Compounding	Coupling agent for PP compounds & glass fiber sizing used in PP - glass filled compounds

### Common Applications



Impact Modification of Nylon



Compatibilizing of Dissimilar Polymers or Polymer Blends



Coupling Agent



Adhesion Promoter



Pipe Coatings

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