

Entec Polymers has an excellent track record of assisting compounders in producing more effective, durable and efficient products for various end use applications. We offer a broad range of impact modifiers and compatibilizers that allow you to customize your formulation to meet your specific requirements. Contact your Entec Polymers sales representative for more information.

Polymer Family	Impact Modifier	Polymer Type	Key Features
Nylon (PA)	Dow AMPLIFY™ GR	MAH-graft	High room temperature and cold temperature impact
	SK AMPLIFY™ IO	Ionomer	High gloss, scratch & mar resistance, low-to-medium impact
	Dow AMPLIFY™ EA	Ethylene Ethyl Acrylate	Dry-as-molded impact, low gloss, low-to-medium impact
	SK PRIMACOR™	Ethylene Acrylic Acid	General purpose modifier, low gloss, low-to-medium impact
Polyester (PET & PBT)	Dow AMPLIFY™ GR	MAH-graft	High room temperature and cold temperature impact
	Dow AMPLIFY™ EA	Ethylene Ethyl Acrylate	For room temperature impact and improved cold temperature impact
	Repsol Ebantix®	Ethylene Butyl Acrylate	For room temperature impact and improved cold temperature impact
Styrenics	Ineos Styrolution Styroflex®	Styrenic Block Copolymer	High impact and elasticity in ABS and HIPS
	Ineos Styrolution Styrolux®	Styrenic Block Copolymer	High impact and stiffness in ABS, HIPS and PS
Polyethylene (PE) & Polypropylene (PP)	Dow ENGAGE™	Ethylene Elastomer	Cold temperature impact and flexibility
	Dow VERSIFY™	Propylene Elastomer	Impact down to -10C, maintains clarity in PP
	Dow INFUSE™	Olefin Block Copolymer	Cold temperature impact, flexibility
	Dow INTUNE™	Olefin Block Copolymer	Cold temperature impact, flexibility, clarity in PP, improved dispersion between PE and PP
	LyondellBasell Hifax & Adflex	Reactor TPO	Cold temperature impact, soft-touch, impact/stiffness balance
	LyondellBasell Toppyl & Koattro	Polybutene-1	Impact down to -10C, maintains clarity in PP
Polycarbonate	Dow AMPLIFY™ EA	Ethylene Ethyl Acrylate	For room temperature impact and improved cold temperature impact
	Repsol Ebantix®	Ethylene Butyl Acrylate	For room temperature impact and improved cold temperature impact

Blend Type	Compatibilizer
Polar to Non-polar, such as PE or PP to EVOH, Nylon, or PS	Dow AMPLIFY™ GR
	Dow AMPLIFY™ TY
	Dow RETAIN™
Polar to Non-polar including Al foil	SK PRIMACOR™
Non-polar Polymers and cellulose containing blends	Dow AMPLIFY™ GR
Non-polar Polymers and inorganic compounds, such as mineral filler	Dow AMPLIFY™ GR
	Dow ENGAGE™
Non-polar blends of PE and PP	Dow ENGAGE™
	Dow VERSIFY™
	Dow INFUSE™
	Dow INTUNE™
	LyondellBasell Hifax and Adflex LyondellBasell Toppyl and Koattro
Low melt flow POE's and high melt flow PP, and anti-tiger striping	LyondellBasell Hifax
Polyolefins & Styrenic Polymers	Ineos Styrolution Styroflex®
HDT Improvement	
ABS, PVC	Luran® HH-120 and HH-120 Q530