

Impact Modifier

TECHNICAL DATA SHEET

Material Information: EPIMIX IMP NC is ethylene-octene copolymer functionalized with maleic anhydride (MAH).

Notes: EPIMIX IMP NC can be blended on standard extruders with Polyamide 6 or 6,6 without the need of processing conditions adjustments. It is available in a dust-free pellet form.

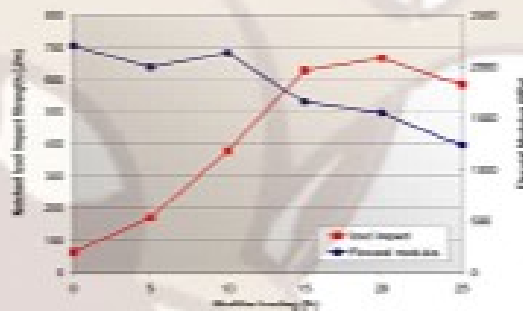
COMPONENT	CASRN	Concentration
Polyethylene copolymer	Not Hazardous	> 99.0 %
Maleic anhydride	108-51-6	< 0.1 %

PHYSICAL AND CHEMICAL PROPERTIES

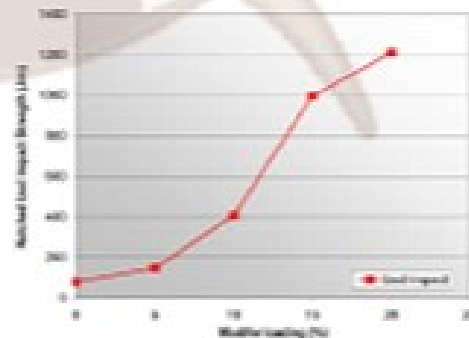
Relative Density (water = 1)	0.85 - 0.97
Physical state	Solid pellets
Color	White
Water solubility	Insoluble
Glass Transition Temperature (°C)	below -50°C

PRODUCT PERFORMANCE

Impact resistance and flexural modulus of Polyamide 6 compound with increasing addition level of EPIMIX IMP NC Impact Modifier.



Impact resistance of Polyamide 6,6 compound with increasing addition level of EPIMIX IMP NC Impact Modifier.



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