

Technical Data Sheet

Product Name: **Impact Modifier and Compatibilizer Masterbatch**

Grade: **RP79AC**

Description:

RP79AC is a maleic anhydride grafted polyolefin elastomer which is compatibilized using acrylic acid. RP79AC is mainly used as impact modifier in glass fiber reinforced polyamide compounds, coupling agent in glass fiber composites, surface modifier in filled composites and compatibilizer in polymer alloys. It provides best compatibility and toughness in reinforced compounds.

General Information:

Material Status:	<i>Commercially Active</i>
Delivery form:	<i>Pellets</i>
Color:	<i>Colorless</i>
Processing Method:	<i>Injection Molding, Compounding</i>
Application:	<i>Impact modifier, Coupling agent, Compatibilizer</i>
Packing:	<i>25 kg</i>

Characteristics:

	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
Density	0.95	gr/cm ³	ASTM D 792
MFI (190°C, 2.16 Kg)	≤ 2.5	gr/10min	ASTM D 1238
Melting Point	≥ 80	°C	DSC analysis
Maleic Content	High	%	Internal method

Recommendation:

- *The recommended dosage for impact modifying of PA is 5 to 15 %*
- *The recommended dosage for glass fiber reinforced compounds is 2 to 5 %*
- *Store in dry place away from direct sun exposure and below 30 °C*

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