

Technical Data Sheet

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

Grade: **RP79MAPE**

Description:

RP79MAPE is a maleic anhydride grafted polyethylene which is compatibilized using acrylic acid. RP79MAPE is mainly used as impact modifier in glass fiber reinforced polyamide compounds, coupling agent in glass fiber composites, surface bonding agent in multi-layer pipes and compatibilizer in polymer alloys.

General Information:

Material Status:	<i>Commercially Active</i>
Delivery form:	<i>Pellets</i>
Color:	<i>Colorless</i>
Processing Method:	<i>Co-extrusion, 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	0.9	gr/cm ³	ASTM D 792
MFI (190°C, 2.16 Kg)	≤ 2.5	gr/10min	ASTM D 1238
Melting Point	≥ 110	°C	DSC analysis
Maleic Content	High	%	Internal method

Recommendation:

- *The recommended dosage for coupling agent in multi-layer pipes is 2 to 4 %*
- *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*

Published July, 2021

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