

## Technical Data Sheet

Product Name: **Coupling Agent and Compatibilizer Masterbatch**

Grade: **RP79SMA**

### Description:

**RP79SMA** is polystyrene (PS) which is functionalized with high content of maleic anhydride. RP79SMA is mainly used as color dispersant in PC/ABS compound, coupling agent in glass fiber reinforced polyamide compounds and as compatibilizer in styrene based polymer compounds and alloys.

### General Information:

<b>Material Status:</b>	<i>Commercially Active</i>
<b>Delivery form:</b>	<i>Pellets</i>
<b>Color:</b>	<i>Natural</i>
<b>Processing Method:</b>	<i>Compounding</i>
<b>Application:</b>	<i>Coupling agent, Compatibilizer, Color dispersant</i>
<b>Packing:</b>	<i>25 kg</i>

### Characteristics:

	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
Density	1.05	gr/cm <sup>3</sup>	ASTM D 792
MFI	NA	gr/10min	ASTM D 1238
Maleic Content	High	%	Internal method (Titration)

### Recommendation:

- *The recommended dosage for glass fiber reinforced compounds is 1 to 4 %*
- *The recommended dosage for color dispersant is 1 to 4 %*
- *The recommended dosage for styrene based compounds is 3 to 7 %*
- *Store in dry and cool place away from direct sun exposure and below 30 °C*

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