

## BOOSTER PO

### Alloying /Processing Agent for Polyolefinic Blends

#### Product Characteristics

Manufacturer	<ul style="list-style-type: none"> <li>Engineering Chemicals B.V in the Netherlands</li> </ul>
Description	<ul style="list-style-type: none"> <li>Thermoplastic polyolefinic compound</li> </ul>
Supplied Form	<ul style="list-style-type: none"> <li>Pellets</li> <li>20kg bags</li> </ul>
Features	<ul style="list-style-type: none"> <li>Improvement of compatibility of the blend components</li> <li>Enables better dispersion of the blend constituents</li> <li>Better processing productivity</li> <li>Improved mechanical properties</li> <li>Good ozone resistance</li> </ul>
Use	<ul style="list-style-type: none"> <li>Alloying agent for polymer / elastomer blends</li> </ul>

#### Specific Properties

Physical	Value	Units	
Density	923-936	kg/m <sup>3</sup>	ISO 1183
Bulk Density	550-570	kg/m <sup>3</sup>	ISO R60
<b>Melt Flow Index</b>			
190°C, 10kg	1,5-2,5	g/min	ISO 1133
<b>Thermal</b>			
Melting Trajectory	55-130	°C	
Crystallization Temp.	110	°C	
<b>Volatile Matters</b>			
In air at 250°C	< 0,25	%	
<b>Granules Size</b>			
Average Granule Size	3-4	Mm	ASTM E11
Granules < 1mm	< 1	%	ASTM E11
Granules > 5,6mm	Nil	%	ASTM E11

## Directions for use<sup>1</sup>

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### Alloying agent

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Quantity needed: 2-5% of weight of final mixture.

In order to optimize the reactivity of Booster PO it is recommended to set the temperature in the first zone (near the hopper) at 200-225°C.

Pre-compounding Booster PO might permit to achieve better results

<sup>1</sup>: These are general directions for use. Please contact Engineering Chemicals B.V. or your local agent for specific advice.

### Storage Conditions

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Dry place

Away from direct sunlight

Below 35°C

The present Data Sheet is drawn up by the producer on 8-05-2001.  
These values supersede all previously published data.

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The logo for Engineering Chemicals B.V. features the company name in a blue, sans-serif font. The word 'Engineering' is positioned above 'Chemicals', and both are slanted upwards to the right. The text is contained within a white, trapezoidal shape that has a thin blue border and a slight shadow effect.

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