

Adstif EA5076

Block copolymer



Product Description

Adstif EA5076 is a highflow block copolymer manufactured by PMC under the license of LyondellBasell using Spheripol process. Adstif EA5076 is a high crystallinity polypropylene block copolymer used in automotive compound & appliance. The product features are an easy processability, low TVOC, outstanding mechanical properties with an excellent stiffness combined with good impact properties and good gloss.

Features	Excellent flowability/ High stiffness/ High thermal resistance/ Good paintability/ Low TVOC
Market	Automotive/Compounds, Consumer Products
Application	Automotive compound/ E&E appliances

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	110	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	17000	kg/cm ²	ASTM D790
Tensile Strength at Yield	320	kg/cm ²	ASTM D638
Elongation at Yield	4	%	ASTM D638
Izod Impact Strength (23°C)	3	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	2	kgcm/cm	ASTM D256
Rockwell Hardness	110	R-Scale	ASTM D785
Vicat Softening Point	154	°C	ASTM D1525
HDT (0.46 N/mm ²)	126	°C	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.

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- iv. lead, asbestos or MTBE related applications.

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- vi. electronic cigarettes and similar devices; or
- vii. pressure pipe or fittings that are considered a part or component of a nuclear reactor

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