

Adstif EA640G

Block copolymer



Product Description

Adstif EA640G is the polypropylene block copolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Adstif EA640G is a high crystallinity polypropylene block copolymer typically used in corrugated board and corrugated plastic applications for industrial packing. Adstif EA640G meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Excellent processability/ High stiffness & impact resistance at low temperature/ High melt strength
Market	Rigid Packaging
Application	Corrugated board/ Rigid sheet/ Corrugated box for industrial packing

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	1.3	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	16000	kg/cm ²	ASTM D790
Tensile Strength at Yield	290	kg/cm ²	ASTM D638
Elongation at Yield	8	%	ASTM D638
Izod Impact Strength (23°C)	40	kgcm/cm	ASTM D256
Rockwell Hardness	100	R-Scale	ASTM D785
HDT (0.46 N/mm ²)	114	°C	ASTM D648

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

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