Technical Data Sheet

Daelim PP YE400M

Block copolymer

Product Description

Daelim PP YE400M is the polypropylene block copolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Daelim PP YE400M is a block copolymer selected by customers for use in injection molding of parts of electrical appliances, containers, battery case.

Features	Optimized balance of stiffness and toughness/High impact strength at low temperature/High Stiffness/Low warpage/Good weld strength(Battery case)
Market	Consumer Products, Automotive/Compounds
Application	Parts of electrical appliances/Containers/Battery case

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230℃,2.16kg)	9	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	11000	kg/cm2	ASTM D790
Tensile Strength at Yeild	270	kg/cm2	ASTM D638
Elongation at Yeild	6	%	ASTM D638
Izod Impact Strength (23℃)	15	kgcm/cm	ASTM D256
Izod Impact Strength (-20℃)	6	kgcm/cm	ASTM D256
Rockwell Hardness	90	R-Scale	ASTM D785
Vicat Softening Point	150	˚C	ASTM D1525
HDT (0.46 N/mm²)	100	°C	ASTM D648

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