

Moplen RP5062H

Random copolymer



Product Description

Moplen RP5062H is random copolymer polypropylene for EPP applications which has good balance of stiffness and impact properties, good heat resistance and foaming stability. Moplen RP5062H meets requirements of EPP applications as uniformity of cell formation, foaming stability and dimensional stability.

Features	Bead foaming stability / Uniform cell size/ Dimensional stability/ Good EPP process ability
Market	Automotive/Compounds
Application	EPP beads for automotive and industrial & electronic packaging

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	6	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	9500	kg/cm2	ASTM D790
Tensile Strength at Yeild	270	kg/cm2	ASTM D638
Elongation at Yeild	12	%	ASTM D638
Izod Impact Strength (23°C)	4	kgcm/cm	ASTM D256
Rockwell Hardness	87	R-Scale	ASTM D785
HDT (0.46 N/mm²)	90	°C	ASTM D648

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

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