

Moplen RP5053

Random copolymer



Product Description

Moplen RP5053 is a high purity polypropylene random copolymer with low ASH content and good color stability. This grade is used for the base material for wax application and modified PP with low meting temperature.

Features	High purity with low ASH content / Color stability
Market	Automotive/Compounds, Consumer Products
Application	Wax base material with low melting temperature

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	11	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	10500	kg/cm2	ASTM D790
Tensile Strength at Yeild	280	kg/cm2	ASTM D638
Elongation at Yeild	12	%	ASTM D638
Izod Impact Strength (23°C)	5	kgcm/cm	ASTM D256
Rockwell Hardness	90	R-Scale	ASTM D785
Vicat Softening Point	135	°C	ASTM D1525
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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