

Moplen RP5063

Random copolymer



Product Description

Development grade *Moplen* RP5063 is a polypropylene random copolymer manufactured by PolyMirae using Spheripol process technology licensed by LyondellBasell. *Moplen* RP5063 is designed for improvement of film processability and typically this product is used for film compound applications.

Features	Good dispersionability/ Good processability
Market	Automotive/Compounds
Application	Film compound

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	21	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	10500	kg/cm2	ASTM D790
Tensile Strength at Yeild	290	kg/cm2	ASTM D638
Elongation at Yeild	12	%	ASTM D638
Izod Impact Strength (23°C)	3	kgcm/cm	ASTM D256
Rockwell Hardness	95	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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- iii. life-sustaining medical applications; or
- iv. lead, asbestos or MTBE related applications.

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- iv. packaging in direct contact with an active pharmaceutical ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- v. tobacco related products and applications;
- 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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