

Moplen RP348SK

Random copolymer



Product Description

Moplen RP348SK is a nucleated and high fluidity polypropylene random copolymer manufactured by PolyMirae using Spheripol process technology licensed from LyondellBasell. **Moplen** RP348SK is specially designed for good processability and excellent clarity in low processing temperature with balanced mechanical properties. **Moplen** RP348SK is a random copolymer particularly suitable for injection molding of thin walled articles (TWIM) for food and non food applications, transparency containers and boxes of big size, houseware, DVD case. **Moplen** RP348SK meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	High fluidity/ Good clarity/ High gloss/ Good organoleptics
Market	Rigid Packaging, Consumer Products
Application	Thin walled articles (TWIM)/ Transparcy & food containers/ Houseware, / DVD case

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	35	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	10500	kg/cm2	ASTM D790
Tensile Strength at Yeild	295	kg/cm2	ASTM D638
Elongation at Yeild	14	%	ASTM D638
Izod Impact Strength (23°C)	5	kgcm/cm	ASTM D256
Rockwell Hardness	93	R-Scale	ASTM D785
HDT (0.46 N/mm²)	87	°C	ASTM D648
Haze	18	%	ASTM D1003

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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- iii. film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices;
- 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

* All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

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