

Technical Data Sheet

Moplen RP348SK



Polypropylene, Random Copolymer

Product Description

Moplen RP348SK is a nucleated and high fluity polypropylene random copolymer, with good processability, excellent clarity in low processing temperature, good mechanical property balance, high productivity with less void formation. Typical customer applications are thin walled articles (TWIM) for food and non food applications, transparent containers and boxes, houseware, DVD casing.

Application	Clear Containers; Housewares; Multi Media Packaging
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	Good Chemical Resistance; Good Dimensional Stability; Good Impact Resistance; Good Processability; High Clarity; High Flow; Medium Rigidity; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	35	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1050	MPa	ASTM D790
Tensile Strength at Yield	30	MPa	ASTM D638
Tensile Elongation at Yield	14	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	50	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	93		ASTM D785
Thermal			
Deflection Temperature Under Load, (0.46 N/mm ²)	87	°C	ASTM D648
Optical			
Haze	18	%	ASTM D1003