



Moplen RP348P

Polypropylene, Random Copolymer

Product Description

Moplen RP348P is a polypropylene random copolymer. With its high clarity and good flow, this grade is suitable for a variety of injection molding applications. Potential end uses products include food containers and housewares.

Product Characteristics

Status	Commercial: Restricted
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	High Clarity, Random Copolymer, Good Processability
Typical Customer Applications	Clear Containers, Housewares

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.899	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	18	g/10 min
Mechanical			
Flexural Modulus (Procedure A)	ASTM D 790	11000	kg/cm ²
Tensile Strength @ Yield	ASTM D 638	290	kg/cm ²
Tensile Elongation @ Yield	ASTM D 638	12	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	3.8	kg-cm/cm
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	88	°C

Notes

Typical properties; not to be construed as specifications.