



Moplen RP242G

Polypropylene, Random Copolymer

Product Description

Moplen RP242G is a polypropylene random copolymer. With its high clarity, good chemical resistance, and good balance of rigidity and impact performance, this grade is suitable for a variety of extrusion blow-molding applications. Potential end uses products include bottles for detergent and cosmetic, food packaging and other transparent articles.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Extrusion Blow Molding
Features	Good Chemical Resistance, High Clarity, Random Copolymer, Good Impact Resistance, Good Processability
Typical Customer Applications	Bottles For Consumer Goods, Clear Containers

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity (Method B)	ASTM D 792	0.90	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	1.5	g/10 min
Mechanical			
Flexural Modulus (Procedure A)	ASTM D 790	920	MPa
Tensile Strength @ Yield	ASTM D 638	27	MPa
Tensile Elongation @ Yield	ASTM D 638	15	%
Impact			
Notched Izod Impact (23 °C, Method A)	ASTM D 256	No Break	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	82	°C

Notes

Typical properties; not to be construed as specifications.