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 iextrusion blow-molding applications. Potential end uses products include bottles fo 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/cm³
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/mm2	ASTM D 648	82	°C

Notes

Typical properties; not to be construed as specifications.