Technical Data Sheet

Moplen RP3469

Polypropylene, Random Copolymer

Product Description

Moplen RP3469 is a random copolymer for injection moulding with nucleation and antistatic additivation. *Moplen* RP3469 offers a high flowability and transparency combines with good organoleptic performance. *Moplen* RP3469 is typically used by customers in thin walled packaging requiring high transparency and organoleptic properties.

This grade is not intended for medical and pharmaceutical applications.

Status	Commercial: Active
Availability	Africa-Middle East; Europe
Application	Clear Containers; Housewares; Sports, Leisure & Toys
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	Contains Antistat; Good Organoleptic Properties; High Flow; High Transparency; Nucleated; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	40	g/10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm³	ISO 1183-1
Mechanical			
Tensile Modulus	1100	MPa	ISO 527-1, -2
Tensile Stress at Yield	20	MPa	ISO 527-1, -2
Tensile Strain at Break		%	ISO 527-1, -2
Tensile Strain at Yield	14	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	5	kJ/m²	ISO 179
(0 °C, Type 1, Edgewise, Notch A)	2.5	kJ/m²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	127	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	70	°C	ISO 75B-1, -2
Optical			
Haze, (1 mm - injection molded disc)	9	%	ASTM D1003

Notes

These are typical property values not to be construed as specification limits.