BorPure™ RG466MO

Polypropylene Random Copolymer

Borealis AG

Message:

BorPure RG466MO is a specially modified high MFR transparent polypropylene random copolymer based on proprietary Borealis Nucleation Technology (BNT), with an excellent organoleptic performance. No tainting of taste & odour of food products and a faster crystallization speed offer benefits towards all parts of the value chain. It is designed for high-speed injection moulding and contains nucleating and demoulding additives.
CAS-No. 9010-79-1
Applications
Closures
Lids
Pails
Square containers
Special features
Excellent organoleptic properties
Very good transparency
Good stiffness and impact balance
Excellent antistatic properties

General Information	
Additive	Antistatic
	Mold Release
	Nucleating Agent
Features	Balanced Stiffness/Toughness
	Good Impact Resistance
	Good Mold Release
	Good Organoleptic Properties
	Good Stiffness
	High Clarity
	Low Odor Transfer
	Low Taste Transfer
	Nucleated
	Random Copolymer
Uses	Caps
	Closures
	Containers
	Lids
	Pails
Appearance	Clear/Transparent
Processing Method	Injection Molding

Physical	Nominal Value	Unit	Test Method

Density	0.905	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	30	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1100	MPa	ISO 527-2/50
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	12	%	ISO 527-2/50
Flexural Modulus	1050	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	5.5	kJ/m²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°C	ISO 75-2/B

Recommended distributors for this material

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