



Polybutene-1 KT MR 07

LyondellBasell Industries - Polybutylene

Monday, November 4, 2019

General Information

Product Description

Purell KT MR07 is a plastomeric material based on Lyondellbasell technology with unique characteristics and is highly compatible with Polypropylene (PP).

This product blended with PP enhances softness, elastic recovery, elongation at break and impact resistance whilst improving transparency and reducing stress whitening.

Purell KT MR07 is available in free flowing pellet form.

General

Material Status	• Experimental: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Foamable • Good Melt Strength • Good Processability	• High Elasticity • Low Temperature Flexibility • Medium Flow	• Weldable
Uses	• Appliances • Bottles • Consumer Applications	• Film • Medical Devices • Medical/Healthcare Applications	• Vials
Forms	• Pellets		
Processing Method	• Blown Film • Calendering	• Cast Film • Compression Molding	• Injection Molding • Injection Stretch Blow Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.870	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.3	g/10 min	ISO 1133

Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	392 to 500	°F
Extrusion	Nominal Value	Unit
Melt Temperature	392 to 500	°F

Notes

¹ Typical properties: these are not to be construed as specifications.