Queo™ 0219

Ethylene-based Plastomer

Borealis AG

Message:

Queo™ 0219 is an ethylene based octene plastomer produced in a solution polymerisation process using a metallocene catalyst.
Queo 0219 is an effective blend partner for other polyolefin polymers, providing:
Excellent polyolefin compatibility
Flexibility
Outstanding toughness
High clarity
Applications:
Demonstrated applications include :
Extrusion coated structures
High clarity moulded goods
Masterbatches and compounds
Additives:
Queo 0219 contains processing stabilizers.

General Information			
Additive	Unspecified Stabilizer		
Features	Good Flexibility Good Toughness High Clarity		
Uses	Compounding Masterbatch		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.902	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	19	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	< 340	hr	ASTM D1693B
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D)	38		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	13.0	MPa	ISO 527-2/5A
Tensile Strain (Break)	930	%	ISO 527-2/5A
Flexural Modulus	63.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength (23°C)	No Break		ISO 180/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	71.0	°C	ISO 306/A

Melting Temperature (DSC)	97.0	°C	ISO 11357

Recommended distributors for this material

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