Queo™ 0201FX

Ethylene-based Plastomer

Borealis AG

Message:

Queo™ 0201FX is an ethylene based octene plastomer, produced in a solution polymerisation process using a metallocene catalyst.
This grade is intended for use as primary blend partner in high performance seal layers. The additive package is designed to offer improved control of the coefficient of friction of coextruded blown films.
Queo 0201FX offers:
Low Coefficient of Friction (C.O.F.)
Improved C.O.F. consistency
Unrivalled sealing and hot tack properties at low temperature
Outstanding toughness
Excellent polyolefin compatibility
High clarity
Applications:
Demonstrated applications include :
Seal layers in food barrier films
Laminated structures requiring very high seal integrity
High speed FFS films
High strength flexible films
Additives:
Queo 0201FX contains 3000 ppm anti block agent and 1200 ppm slip agent, processing aid and stabilisers.

General Information	
Additive	Antiblock (3000 ppm) Processing Aid Slip (1200 ppm) Unspecified Stabilizer
Features	Good Flexibility Good Toughness High Clarity High Strength
Uses	Film Seals
Processing Method	Blown Film Coextrusion

Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	> 1000	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)	33.0	MPa	ISO 527-2/5A
Tensile Strain (Break)	710	%	ISO 527-2/5A
Flexural Modulus	68.0	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Secant Modulus - MD	60.0	MPa	ASTM D882
Dart Drop Impact (Blown Film)	< 28	g	ASTM D1709
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	80.0	°C	ISO 306/A
Melting Temperature (DSC)	95.0	°C	ISO 11357
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	78		ASTM D2457
Haze	4.0	%	ASTM D1003A
Additional Information	Nominal Value	Unit	Test Method
Puncture Resistance	650	J/m	Internal Method
Sealing Initial Temperature	78	°C	ASTM F88

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

WECHAT