

Eltex® P KF359

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

Polypropylene - Heat Seal

Benefits & Features

ELTEX® P KF359 is a random terpolymer with a high content of co-monomer especially designed for the blown film process, it contains no technical additive. It is thus particularly appreciated by users wishing to use their own "formulas".

Low sealing initiation temperature

Broad sealing window

Good stiffness level

Barefoot version

General Information			
Features	Low temperature heat sealability		
	Rigid, good		
	Terpolymer		
	No additive		
Uses	Blown Film		
	Films		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.895	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.2	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 23°C)	57		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2
Flexural Modulus (23°C)	500	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Heat seal threshold ¹	105	°C	Internal method
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	50.0	°C	ISO 75-2/B
Vicat Softening Temperature	107	°C	ISO 306/A50
Peak Melting Temperature	131	°C	ASTM D3417
NOTE			

1. 1s, 3 bars, 100 mm/min, 100 g/cm

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