

Piolen® PS GK30A15

Polypropylene Copolymer

PiO Kunststoffe GmbH & Co KG

Message:

Piolen® PS GK30A15 is a Polypropylene Copolymer (PP Copolymer) product filled with 30% glass bead. It can be processed by injection molding and is available in Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.27	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	4.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	32.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	4190	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	103	°C	ISO 306/A50
--	98.0	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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