

# Piolen® P KEMLA105

Polypropylene + EPDM Rubber

PiO Kunststoffe GmbH & Co KG

## Message:

Piolen® P KEMLA105 is a Polypropylene + EPDM Rubber (PP+EPDM) product filled with 6.0% chalk. It can be processed by injection molding and is available in Europe. Typical application: Automotive.

Characteristics include:

Flame Rated

Good Aesthetics

General Information			
Filler / Reinforcement	Chalk,6.0% Filler by Weight		
Features	Good Flow		
	Good Surface Finish		
Uses	Automotive Applications		
	Automotive Exterior Trim		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	9.10	MPa	
Break	8.40	MPa	
Tensile Strain (Break)	450	%	ISO 527-2
Flexural Modulus	350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	10	kJ/m <sup>2</sup>	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	104	°C	ISO 306/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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