

# AKROTEK® PK-VM M 15 natural (7576)

Polyketone

AKRO-PLASTIC GmbH

PROSPECTOR®

www.ulprospector.com

## Technical Data

### Product Description

AKROTEK® PK-VM M 15 natural (7576) is a 15 % mineral reinforced Polyketon with high flowability and isotropic shrinkage

Technical components in domestic or industrial sector

### General

Material Status	• Commercial: Active		
Search for UL Yellow Card	• AKRO-PLASTIC GmbH		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• High Flow		
Uses	• Industrial Applications		
Appearance	• Natural Color		
Resin ID	• PK		

Physical	Nominal Value Unit	Test Method
Density (23°C)	1.34 g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage		ISO 294-4
Across Flow	1.5 to 1.6 %	
Flow	1.5 to 1.6 %	
Humidity Absorption - 62% RH (70°C)	0.60 to 0.70 %	ISO 1110
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	2500 MPa	ISO 527-1/1
Tensile Stress (Yield)	53.0 MPa	ISO 527-2/50
Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0 kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	85 kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value Unit	Test Method
Melting Temperature <sup>2</sup>	220 °C	ISO 11357-3
Additional Information	Nominal Value Unit	Test Method
Reinforcement Content	15 %	ISO 1172

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 10°C/min

