

# PALPROP® R M 763

Polypropylene  
pal plast GmbH

## Message:

PALPROP® R M 763 is a polypropylene product that contains mineral fillers. It can be processed by injection molding and is available in Europe. Typical application areas are: automotive industry. The main characteristics are: impact modification.

General Information			
Filler / Reinforcement	Mineral filler		
Additive	Impact modifier		
Features	Impact modification		
Uses	Car anti-collision bar		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	8.00	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1200	MPa	ISO 527-2/1A/1
Tensile Stress (Yield, 23°C)	14.0	MPa	ISO 527-2/1A/50
Tensile Strain (Break, 23°C)	100	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	No Break		ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	86.5	°C	ISO 75-2/B

Additional Information			
Melt-Volume Flow Rate, ISO 1133, 230°C/2.16 kg: 6 to 10 cm <sup>3</sup> /10 min	Tensile Modulus, ISO 527, 23°C, 1 mm/min, Type A: 1150 to 1250 MPa	Tensile Stress at Yield, ISO 527, 23°C, 50 mm/min, Type A: 12 to 16 MPa	Tensile Strain at Break, ISO 527, 23°C, 5 mm/min, Type A: >100 %
HDT 0.45 MPa, ISO 75: 85 to 88 °C	Density, ISO 1183: 0.96 to 0.98 g/cm <sup>3</sup>		

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