



PHOENIX

LAND
INTERNATIONAL
TRADING

Technical Datasheet

- **Grade Name:** PP 552 RMP
- **Categories:** Polymer, Thermoplastic, Polypropylene, Polypropylene Homopolymer
- **Processing Methods:** Fiber Extrusion (CF, BCF, staple)
- **Applications:** Nonwoven fabrics for diapers, medical-sanitary applications, Wipes and tissues, Straps for backpacks, sport bags, bulk bags and for safety belts, Upholstery and sportswear, Bulk continuous filament for carpets, Nonwoven staple fiber, Hygiene nonwoven
- **Features:** High melt flow, Excellent antigasfading properties, Good processability, Homopolymer

Physical Properties			
Properties	Value	Unit	Test Method
MFI(230 °C/2.16 Kg)	25	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	1500	MPa	ASTM D790
Izod Impact Strength, Notched	30	J/m	ASTM D256
Tensile Elongation at Yield	13	%	ASTM D638
Hardness, Rockwell R	100	R Scale	ASTM D785
Tensile Strength at Yield	32	MPa	ASTM D638
Thermal Properties			
Properties	Value	Unit	Test Method
H. D. T (0.46 MPa)	94	°C	ASTM D648
Oven Aging (150 °C, Air)	150	h	ASTM D3012
Vicat Softening Point (10N)	152	°C	ASTM D1525

Typical Properties: These values are not to be considered as product specifications.

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