

## Polyram RamTal PM8515 Acetal, High impact

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Impact Modified

**Material Notes:**

High impact polyacetal for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-RamTal-PM8515-Acetal-High-impact.php](http://www.lookpolymers.com/polymer_Polyram-RamTal-PM8515-Acetal-High-impact.php)

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in <sup>3</sup>	DIN 53479
Water Absorption	0.20 %	0.20 %	DIN 53495
Linear Mold Shrinkage	0.020 - 0.023 cm/cm	0.020 - 0.023 in/in	
Melt Flow	13 g/10 min @Load 2.16 kg, Temperature 190 °C	13 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	75	75	ASTM-D785
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM-D638
Elongation at Break	120 %	120 %	ASTM-D638
Tensile Modulus	1.30 GPa	189 ksi	ASTM-D790
Flexural Strength	50.0 MPa	7250 psi	ASTM-D790
Flexural Modulus	1.25 GPa	181 ksi	ASTM-D790
Izod Impact, Notched	1.25 J/cm @Temperature 23.0 °C	2.34 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °F	DIN 53461

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	DIN 53482

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.2	4.2	VDE 0303/4
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dielectric Strength	24.0 kV/mm	610 kV/in	VDE 0303/4

## Contact Songhan Plastic Technology Co.,Ltd.

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