

Razin™ Engineering Plastics		Quality Management System	
Form Code: 7Te02F1	No.: R133-02	Product Information	

Razalen® R133-02

Razalen R133-02 is a rubber modified injection grade gray color polypropylene, which is UV stabilized for automotive interior applications.

Properties	Test Method	Unit	Value
Physical			
Density	ASTM D 792	g/cm ³	0.91
MFR(230°C, 2.16 kg)	ASTM D 1238	g/10 min	10
Linear Mold Shrinkage	ASTM D 955	%	1.0

Mechanical			
Tensile Strength, Yield	ASTM D 638	MPa	23
Elongation at Break	ASTM D 638	%	600
Flexural Strength	ASTM D 790	MPa	23
Flexural Modulus	ASTM D 790	MPa	1300
Izod Impact, Notched			
@ 23 °C	ASTM D 256	kJ/m ²	40
@ -20 °C			7

Thermal			
Deflection Temperature Under Load			
@ 0.46 MPa	ASTM D 648	°C	95
@ 1.8 MPa			-
Vicat Softening point	ASTM D 1525	°C	-

Processing						
Drying:						
	Drying Time:	1 - 2 hr		Drying Temperature:	80 - 100 °C	
Injection Molding:						
Item	Rear Temp (°C)	Middle Temp (°C)	Front Temp (°C)	Melt Temp (°C)	Mold Temp (°C)	Inj. Pressure (Mpa)
Min	180	180	180	180	30	50
Max	215	215	215	220	60	150

The data contained in this publication are based on our current knowledge and experience. In view of the many actors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose.