

General Information

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Material Status	• Commercial: Active
Forms	• Pellets

ASTM and ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	550	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	9.00	MPa	ISO 37
Tensile Stress (300% Strain)	15.0	MPa	ISO 37
Tear Strength	95	kN/m	ISO 34-1
Compression Set			ISO 815
23°C	25	%	
70°C	40	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	93		
Shore D	41		

Additional Information

Note: These properties were tested in accordance with the DIN test standard.
 Stress at 20% elongation, DIN 53504: 7 Mpa
 Abrasion Loss, DIN 53516: 25 mm³
 Tensile Strength After Storage in Water, DIN 53504, 80°C for 21 days: 40 Mpa
 Elongation at Break After Storage in Water, DIN 53504, 80°C for 21 days: 550 %

Notes

¹ Typical properties: these are not to be construed as specifications.