

Technical Data Sheet

Polystone® D - ASTM

Typical characteristics

- Good mechanical properties
- Very wear, cutting and scratch resistant
- Good sliding properties

Typical industries

- Mechanical Engineering Industry
- Food Industry
- Bakery and Confectionery

	Test method	Unit	Guideline value
General properties			
Density	ASTM D792	g / cm ³	0.94
Carbon Black Content	ISO6964	%	n/a
Mechanical properties			
Hardness	ASTM D2240	Shore D	63-69
Flexural Modulus	ASTM D790	psi	150000
Izod Impact Strength	D4020		9
Thermal properties			
Melting Point		°F	275-280
Maximum Service Temperature, Air		°F	180
Coefficient of Linear Thermal Expansion	ASTM D696	in/in/°F x10 ⁻⁴	1.9

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