

Product Texts

Modified with ABS

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Flexural modulus, 23°C	230	MPa	ISO 178
Tensile Strength	52	MPa	ISO 37
Strain at break	430	%	ISO 37
Abrasion resistance	35	mm ³	ISO 4649
Shore D hardness	59	-	ISO 7619-1
Other Standards^[5]			
Stress at 10% elongation	13	MPa	DIN 53504
Stress at 100% elongation	25	MPa	DIN 53504
Stress at 300% elongation	44	MPa	DIN 53504

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties

	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 110	°C	-
Melt temperature	235 - 245	°C	-
Mold temperature	40 - 50	°C	-

Characteristics**Processing**

Injection Molding

Applications

Sports Equipment

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa