

AVALON® 65 ABX

TPU

Huntsman Polymers Corp.

Mechanical properties	Value	Unit	Test Standard
Other Standards^[5]			
Tensile Strength	20	MPa	DIN 53504
Strain at break	700	%	DIN 53504
Tear strength	25	kN/m	DIN 53507
Abrasion resistance	60	mm ³	DIN 53516
Shore A hardness	65	-	DIN 53505

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

Other properties	Value	Unit	Test Standard
Other Standards^[5]			
Density	1130	kg/m ³	DIN 53479

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Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2	h	-
Mold temperature	25 - 50	°C	-
Feed temperature	25 - 35	°C	-
Zone 1	160 - 180	°C	-
Zone 2	165 - 185	°C	-
Zone 3	165 - 190	°C	-
Nozzle temperature	160 - 185	°C	-
Screw speed	20 - 80	rpm	-
Injection pressure	2 - 10	MPa	-
Back pressure	0.03 - 0.3	MPa	-
Holding pressure	1 - 5	MPa	-

Characteristics**Processing**

Injection Molding

Features

Anti Slip, Scratch Resistant

Regional Availability

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