

AVALON® 60 ABX

TPU

Huntsman Polymers Corp.

Mechanical properties	Value	Unit	Test Standard
Other Standards^[5]			
Tensile Strength	15	MPa	DIN 53504
Strain at break	600	%	DIN 53504
Tear strength	20	kN/m	DIN 53515
Abrasion resistance	90	mm ³	DIN 53516
Shore A hardness	60	-	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	1080	kg/m ³	DIN 53479

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

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	150 - 170	°C	-
Zone 2	155 - 175	°C	-
Zone 3	155 - 180	°C	-
Nozzle temperature	150 - 175	°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