

Triax 1120

(ABS+PA*)

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6.5	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	5	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	40	MPa	ASTM D 638
Flexural Modulus	1172	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	747	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	74.7	J/m	ASTM D 256
Temperature	-40	°C	-
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	113	E-6/K	ASTM D 696
DTUL @ 66 psi	87.8	°C	ASTM D 648
DTUL @ 264 psi	62.2	°C	ASTM D 648
Electrical properties			
ASTM Data			
Dissipation Factor, 1 MHz	3.9E-6	-	ASTM D 150
Optical properties			
ASTM Data			
Gloss	91	-	ASTM D 2457
Film Properties			
ASTM Data			
Tensile Modulus, MD	56.9	MPa	ASTM D 882
Processing Recommendation Injection Molding			
Melt temperature	238 - 271	°C	-
Mold temperature	37.8 - 65.6	°C	-

Characteristics**Processing**

Injection Molding

Features

Fatigue Resistance

Chemical Resistance

General Chemical Resistance

Applications

Automotive

Regional Availability

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