

**Triax 1315**

(ABS+PA\*)-GF

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	3.5	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	5	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	75.2	MPa	ASTM D 638
Flexural Modulus	3758	MPa	ASTM D 790
Rockwell Hardness	R 101	-	ASTM D 785
Izod Impact notched, 1/8 in	112	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	69.4	J/m	ASTM D 256
Temperature	-40	°C	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	45	E-6/K	ASTM D 696
DTUL @ 66 psi	168	°C	ASTM D 648
DTUL @ 264 psi	97.2	°C	ASTM D 648
Vicat Temperature	199	°C	ASTM D 1525
<b>Optical properties</b>			
<b>ASTM Data</b>			
Gloss	26	-	ASTM D 2457
<b>Film Properties</b>			
<b>ASTM Data</b>			
Tensile Modulus, MD	46.2	MPa	ASTM D 882
<b>Processing Recommendation Injection Molding</b>			
Melt temperature	238 - 271	°C	-
Mold temperature	37.8 - 65.6	°C	-

**Characteristics****Processing**

Injection Molding

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

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