

Visiloy™ 2415T2U2

Acrylonitrile Styrene Acrylate + PC

Technical Polymers, LLC

Message:

Visiloy™ 2415T2U2 is an Acrylonitrile Styrene Acrylate + PC (ASA+PC) material. It is available in North America for extrusion or injection molding. Important attributes of Visiloy™ 2415T2U2 are:
Flame Rated
Impact Resistant
UV Stabilized
Typical application of Visiloy™ 2415T2U2: Automotive

General Information	
Additive	UV Stabilizer
Features	Good Impact Resistance
Appearance	Natural Color
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	62.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	30	%	ASTM D638
Flexural Modulus (23°C)	2520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	320	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	116	°C	
1.8 MPa, Unannealed	107	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	93.3 to 104	°C	
Drying Time	3.0 to 4.0	hr	
Processing (Melt) Temp	260 to 282	°C	
Mold Temperature	54.4 to 71.1	°C	
Injection Rate	Moderate-Fast		
Back Pressure	0.345 to 0.689	MPa	
Screw Speed	30 to 80	rpm	
Clamp Tonnage	4.1 to 8.3	kN/cm ²	

Cushion	3.18 to 6.35	mm
Screw L/D Ratio	20.0:1.0	
Screw Compression Ratio	2.0:1.0 to 2.5:1.0	

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Recommended distributors for this material

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