

Ineos ABS NOVODUR® KU 2-5300 ABS, Injection Grade (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

Material Notes:

Injection molding grade, high heat resistance and toughness, low-emission. Applications: Automotive parts, household goods. Information provided by the manufacturer. Novodur is produced by Styrolution (2014). This grade was discontinued prior to Styrolution's acquisition of the Novodur product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-ABS-NOVODUR-KU-2-5300-ABS-Injection-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	
Melt Flow	5.0 g/10 min	5.0 g/10 min	
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	49.0 MPa	7110 psi	
Elongation at Yield	2.7 %	2.7 %	
Tensile Modulus	2.40 GPa	348 ksi	
Charpy Impact Unnotched	NB	NB	
	0.900 J/cm ²	4.28 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	3.20 J/cm ²	15.2 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	106 °C	223 °F	
Deflection Temperature at 1.8 MPa (264 psi)	100 °C	212 °F	
Vicat Softening Point	106 °C	223 °F	
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	

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