

DynaChar™ 2321

Polyether Block Amide

Polymer Dynamix

Message:

Flame Retardant Polyether Block Amide Features:

Excellent Chemical Resistance

Low Temperature Properties

Good Processabilities

Halogen Free

Applications:

Wire & Cable

Industrial

Automotive

Aerospace

General Information			
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Processability		
	Halogen Free		
	Low Temperature Impact Resistance		
	Low Temperature Strength		
	Low Temperature Toughness		
Uses	Aerospace Applications		
	Automotive Applications		
	Industrial Applications		
	Wire & Cable Applications		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00 to 1.10	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	44 to 50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	24.1	MPa	ASTM D638
Tensile Elongation (Break)	> 400	%	ASTM D638
Extrusion	Nominal Value	Unit	
Drying Temperature	71.1 to 87.8	°C	
Drying Time	3.0 to 6.0	hr	
Cylinder Zone 1 Temp.	177 to 185	°C	
Cylinder Zone 3 Temp.	188 to 196	°C	
Cylinder Zone 5 Temp.	193 to 202	°C	

Melt Temperature	193 to 202	°C
Die Temperature	193 to 202	°C

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