

DynaChar™ C2260F

Polyamide 12

Polymer Dynamix

Message:

LSZH Polyamide 12 Compound

Features:

Excellent Processability

Great Low Temp Flexibility

Very Low smoke and Toxicity

Applications:

Automotive

Telecommunication/Wire & Cable

Industrial

General Information			
Features	Low smoke		
	Workability, good		
	Good flexibility		
	Halogen-free		
Uses	Wire and cable applications		
	Industrial application		
	Application in Automobile Field		
	Communication Equipment		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	30.0	MPa	ASTM D638
Fracture	28.5	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0 - 7.0	%	ASTM D638
Fracture	> 15	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Flexural Strength	36.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 0.318 mm)	80 - 130	J/m	ASTM D256
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	37	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0 - 95.0	°C	

Drying Time	3.0 - 5.0	hr
Cylinder Zone 1 Temp.	180 - 210	°C
Cylinder Zone 3 Temp.	190 - 240	°C
Cylinder Zone 5 Temp.	200 - 240	°C
Melt Temperature	200 - 240	°C
Die Temperature	200 - 240	°C

Extrusion instructions

Screw Speed: 25 - 100 RPM

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