

# DynaChar™ C2371F

Polyamide

Polymer Dynamix

## Message:

LSZH Polyamide Compound

Features:

Excellent Processability

Great Low Temp Flexibility rated to -40°C

Very Low smoke and Toxicity

Applications:

Automotive

Telecommunication/Wire & Cable

Industrial

General Information			
Features	Flexibility at low temperatures		
	Low smoke		
	Low toxicity		
	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	1.37	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	14.0	MPa	ASTM D638
Fracture	13.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	> 25	%	ASTM D638
Fracture	> 85	%	ASTM D638
Flexural Modulus	305	MPa	ASTM D790
Flexural Strength	12.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 0.318 mm)	No Break		ASTM D256
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	41	%	ASTM D2863

Extrusion	Nominal Value	Unit
Drying Temperature	80.0 - 95.0	°C
Drying Time	3.0 - 5.0	hr
Cylinder Zone 1 Temp.	170 - 210	°C
Cylinder Zone 3 Temp.	180 - 240	°C
Cylinder Zone 5 Temp.	190 - 240	°C
Melt Temperature	190 - 240	°C
Die Temperature	190 - 240	°C
Extrusion instructions		

Screw Speed: 25-100 RPM

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

