

Unichem 4261-80

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 4261-80 is a Flexible Polyvinyl Chloride product. It can be processed by injection molding and is available in North America. Typical application: Electrical/Electronic Applications. Primary characteristic: good flexibility.

General Information			
Features	Good Flexibility Good Flow		
Uses	Electrical Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.4	MPa	ASTM D638
Tensile Elongation (Yield)	300	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	6.48	MPa	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-56.7	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	166 to 177	°C	
Mold Temperature	10.0 to 37.8	°C	
Back Pressure	0.689 to 2.76	MPa	
Screw Speed	40 to 100	rpm	
Screw Compression Ratio	2.0:1.0 to 3.0:1.0		

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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

