

Sylvin 5414-50D Natural

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:
Sylvin 5414-50D Natural Is A Thermoplastic Compound Formulated To Meet The Requirements Of The ISO 6722 Specification.

General Information			
Uses	Wire and cable applications		
Agency Ratings	ISO 6722		
Appearance	Natural color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw D	50		ASTM D2240
Shaw D, 10 seconds	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	21.4	MPa	ASTM D638
Tensile Elongation (Break)	280	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	105	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	125	°C	ASTM D794
Brittleness Temperature	-20.0	°C	ASTM D746
Melting Temperature	177 - 191	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863

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