

Sylvin 3210-80HMW Natural

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:

3210-80HMW Natural Is A Vinyl Compound That Is REACH And RoHS Compliant And Formulated With A Non-Phthalate, Bio-Based Plasticizer To Lower The Carbon Foot Print Of The Compound Versus Compounds That Use Petroleum-Based Plasticizers.

General Information			
Additive	Plasticizer		
Features	Non-phthalate plasticizer		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Appearance	Natural color		
Processing Method	Extrusion		
	Injection molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	80		ASTM D2240
Shaw A, 10 seconds	80		ASTM D2240

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.9	MPa	ASTM D638
Tensile Elongation (Break)	410	%	ASTM D638

Elastomers	Nominal Value	Unit	Test Method
Tear Strength	77.1	kN/m	ASTM D624

Thermal	Nominal Value	Unit	
Melting Temperature	166 - 177	°C	

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