

Alpha PVC 3006-85 CLEAR

Flexible Polyvinyl Chloride
Mexichem Specialty Compounds Inc.

Message:

ALPHA PVC 3006-85 CLEAR is a flexible vinyl compound produced with FDA sanctioned raw materials. Designed with high flow for injection molding, PVC 3006 features sparkling clarity, high thermal stability, and easy mold release. The formula is available in a wide range of hardnesses with 85 durometer being the preferred grade for such demanding applications as drip chambers, tubing caps and connectors, and respirator masks. It is packaged as 1/8 inch cubes in 50 pound bags. Also available in gaylords upon special request. PVC 32006 is available in 80, 85, 90 and 95 Shore A durometer hardnesses. Alpha produces a full line of other compounds ranging from very soft, 40 durometer, to full rigid.

General Information			
Features	High liquidity		
	Definition, high		
	Thermal stability, good		
	Good demoulding performance		
Uses	Connector		
Agency Ratings	FDA not rated		
RoHS Compliance	Contact manufacturer		
Appearance	Available colors		
	Clear/transparent		
Forms	Cube		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	230	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A, 10 seconds, 3.18mm	85		ASTM D2240
Shaw A, 15 seconds, 6.35mm	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture	14.8	MPa	ASTM D638
100% strain	8.79	MPa	ASTM D638
Tensile Elongation (Break)	280	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-15.0	°C	ASTM D746
Vicat Softening Temperature	63.0	°C	ASTM D1525

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Recommended distributors for this material

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