

Alpha PVC 2235L-80

Polyvinyl Chloride
Mexichem Specialty Compounds Inc.

Message:

Alpha 2235L-80 is a unique, extraction resistant flexible vinyl compound with good elasticity, low temperature performance, and excellent color and property retention after irradiation. Component extraction by lipids, polystyrene, polycarbonate or other fatty materials is extremely low. Phthalate free 2235L-80 meets USP Class VI Biocompatibility testing for disposable medical devices. Packaged as 1/8 inch diced cubes or underwater pellets in 50 pound bags or 1500 pound Gaylords.

General Information			
Features	High elasticity		
	Good color stability		
	Biocompatibility		
Uses	Medical/nursing supplies		
Agency Ratings	USP Class VI Biocompatibility		
RoHS Compliance	Contact manufacturer		
Appearance	Available colors		
	Clear/transparent		
Forms	Cube		
	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A, 15 seconds, 6.35mm	78		ASTM D2240
Shaw D, 10 seconds	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture	22.2	MPa	ASTM D638
100% strain	10.0	MPa	ASTM D638
Tensile Elongation (Break)	310	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-27.0	°C	ASTM D746
Additional Information			

Graves Tear, ASTM D1004-90: 385 ppilIntrinsic Melt Viscosity, Capillary Rheometer @ 360°F, 100 lb-f, L/D = 15: 5230 PoiseBrabender Viscosity, LP176-7, 150°C, 32 rpm, 15min: 1680 m-g

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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



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