



POLYAXIS® LPA 815

Polyaxis LPA815 is an EVA which is soft and pliable, even at low temperatures. Applications include toys, dock bumpers and floats.

NOTE: Physical properties are based on rotationally molded samples from unpigmented resin. Density and ESCR tests were performed on compression molded samples.

Properties	Standard	Parameters	Unit
Chemical			
Vinyl Acetate Content		by weight 15	%
General			
Density	ASTM D792	-----	.935 g/cc
Melt Index	ASTM D1238	2.16/190	6 - 8 g/10 minutes
Mechanical			
Flexural Modulus	ASTM D790	@ 1% Secant	59.2 MPa
Flexural Modulus	ASTM D790	@ 1% Secant	8,600 psi
Tensile Strength @ Yield	ASTM D638	2"/minute	14.4 MPa
Tensile Strength @ Yield	ASTM D638	2"/minute	2,100 psi
Ultimate Elongation	ASTM D638	2"/minute	700 %
Thermal			
Heat Deflection Temperature	ASTM D648	@ 66 psi	n/c °C

Reported values pertain only to natural resins: pigmenting may vary properties. Pellet cut, size, color, and other properties may vary depending on the manufacturing location.

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