Product Data Sheet

Superlink $_{tm}$ 110

Rotomolding crosslinkable Polyethylene

Superlink $_{tm}$110 rotomolding crosslinkable resins were developed by Ingenia for the manufacture of parts to offer a unique combination of high stiffness, low temperature impact properties and excellent ESCR performance. Superlink $_{tm}$110 is UV stabilized for extended outdoor service and is available in natural, black and customer-specified colors.

Superlink $_{tm}$110 in various colors will retain at least 80% of each nominal property given below for the natural compound.

NOMINAL PROPERTIES:

Property	Test Method	Unit	Value
Density	D1505	g/cc	0.942
Tensile strength @yield	D 638	psi (mPa)	2,900 (20.0)
Tensile strength @break	D 638	psi (mPa)	3,500 (24)
Elongation @break	D 638	%	800
Flexural Modulus	D790	psi (mPa)	110,000(760)
ESCR condition A	D 1693		
100 % Igepal		hr	F_0> 1,000
10% Igepal		hr	F_0> 1,000
Impact strength, (-40 ^{0}C)	ARM		
0.125 ins (3.2 mm)		ft lb (J)	>70 (93)
0.250 ins (6.4 mm)		ft lb (J)	>170 (226)

Revision 0 – March 31, 2009

Customer Service: T: 800-991-9000, F: 416-920-1479, e-mail: contact@ingeniapolymers.com
Website: www.ingeniapolymers.com