

CLARIX® 111702-01 Clear

Ionomer

A. Schulman Inc.

Message:

Ionomer Sodium

General Information	
Features	Sodium Ionomer
Appearance	Clear/Transparent
Processing Method	Blown Film
	Cast Film
	Coextruded Film

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm ³	ASTM D792A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec, 23°C)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield, 23°C	19.5	MPa	
Break, 23°C	33.0	MPa	
Tensile Elongation ² (Break, 23°C)	300	%	ASTM D638
Flexural Modulus ³ (23°C, 50.0 mm Span)	530	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	51.0	°C	ASTM D1525 ⁴

NOTE	
1.	Type I, 50 mm/min
2.	Type I, 50 mm/min
3.	Method I (3 point load), Type I, 1.3 mm/min
4.	Rate B (120°C/h), Loading 1 (10 N)

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