

Neo Featured Materials Overview

Material Name	Description	Category	Tensile Strength (ASTM D638M)	Elongation at Break (ASTM D638M)	Tensile Modulus (ASTM D638M)	HDT @ 0.46 MPa (ASTM D648)	Notched Izod Impact (ASTM D256A)	Color	Partner Page
Somos [®] WaterShed XC 11122	Versatile, good all- round polymer, very easy to use	•	50.4 MPa	15.5%	2,770 MPa	50 °C	25 J/m	Clear	WaterShed XC <u>11122</u>
Somos [®] WaterClear Ultra 10122	Versatile, easy to use, exceptional clarity	•	56 MPa	7.5%	2,880 MPa	47 °C	25 J/m	Clear	<u>WaterClear Ultra</u> <u>10122</u>
Somos [⊚] WaterShed Black	Versatile, good all- round polymer, very easy to use	•	50.4 MPa	15.5%	2,770 MPa	50 °C	25 J/m	Black	WaterShed Black
Somos [®] PerFORM	Very high heat and stiffness, ceramic	•	68 MPa	1.1%	10,500 MPa	269 °C	17 J/m	White	PerFORM
Somos [®] PerFORM Reflect	Very high heat and stiffness, ceramic, developed for PIV	•	63.3 MPa	0.8%	10,135 MPa	276 °C	17 J/m	Orange	PerFORM Reflect
Somos® Taurus	High heat and toughness, thermoplastic like performance	•	46.9 MPa	24%	2,310 MPa	62-91 °C	47.5 J/m	Charcoal	Taurus
Somos [®] EvoLVe 128	Very tough and durable with great surface finish	•	56.8 MPa	11%	2,694 MPa	52 °C	39 J/m	White	EvoLVe 128

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