



# GLASS MULTI-END ROVINGS FOR SMC



## ME1975 ROVING FOR LOW DENSITY CLASS A SMC

- Helps **redefine surface appearance**
- **Excellent for vertical surfaces** that can result in less rework



## KEYS PRODUCT BENEFITS

## ME1960 ROVING FOR AESTHETICS, STRENGTH & COMPLEX SHAPE NEEDS

- Outstanding impregnation at high glass content **up to 65%**
- **White color** very suitable for pigmented parts

## P204 ROVING FOR GENERAL PURPOSE INCLUDING TRANSPORTATION

- Outstanding **impregnation from 10 to 50%** glass content
- Allows **reduced glass changeovers** for making multiple parts



## 973 ROVING FOR CLASS A & SEMI-STRUCTURAL PARTS

- **Good surface quality** for low profile automotive and heavy truck Class A
- **Good processability**



## 985 ROVING IDEAL FOR DOORS

- **Good flow of glass** allows for complex decorative contours
- **High impact resistance**

# GLASS MULTI-END ROVINGS FOR SMC

Transportation	Sanitary	Building	General purpose	Availability by Region	Resin	Product	Flow	Wetting	Surface	Solubility in Styrene	Pigmentability	Stiffness (UNWET)	Sheet Density	Sheet Loft	UV Stability	Use with high filler load (200+PHR)	Other
x			x	NA	PE, VE	957	+++	+++	+++	+	+++	++	++	++	+++	Y	Pigmented SMC
	x			NA	PE, VE	ME 1958	++++	++++	++++	+	+++	++	++	+	+++	Y	Pigmented Tub, Shower
x				EU, AP	PE, VE	973C-X1	+++	+++	++++	++	+	+++	++	++	+	Y	Class A
x				NA/LA	PE, VE	973	+++	+++	++++	++	+	+++	++	++	+	Y	Class A – Semi Structural
x				NA	PE, VE	ME 1975	++++	++++	++++	++	-	+++	++	+	+	Y	Low density Class A – Vertical Walls
x				NA	PE, VE	905AB	++	++	++	++	++	++	+++	++	+	N	Semi Structural
x				EU, AP	PE, VE, EP	ME 1510	++	+++	++	-	-	+++	+	++	-	Y	Semi Structural
x	x		x	NA, EU	PE, VE	ME 1960	+++	++++	++++	++	+++	+++	+++	++++	++	Y	General Purpose, Semi Structural
		x		NA	PE	985	+++	+++	+++	++	++	+++	++	++	+	Y	Doorskins
x			x	NA, AP, EU	PE, VE	P204	+++	+++	+++	++	+++	++	+++	++	-	Y	Class A – General Purpose
x				AP, EU	PE, VE	P215	+++	+++	++++	+++	+++	++	+++	++	-	Y	Class A in AP & EU
x			x	AP, EU	PE, VE	R07E	+	++	++	+++	++++	+	+++	++	-	N	Class A – General Purpose in AP

++++ Excellent +++ Very good ++ Good + Fair - No data available

SMC all rovings compatible with polyester and vinylester, most can work with polyurethane (fibers are 12 -16 micron diameter, rovings available as 2400, 4500 or 4800 Tex). These are general guidelines based upon observations of overall market use. Users should note that performance is very dependent upon the resin/filler formulation as well as the choice of roving.

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