

Product Texts

R5801 is a HDPE grade for stretched tape / raffia application produced by the Mitsui CX Technology.

This grade can be used for stretched tape / raffia for woven sacks and tarpaulin.

R5801 is characterized by excellent processability and high mechanical strength.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.5	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	32	MPa	ASTM D 638
Tensile Strength at Break	38	MPa	ASTM D 638
Elongation at Break	800	%	ASTM D 638
Flexural Modulus	1150	MPa	ASTM D 790
Shore D Hardness	65	-	ASTM D 2240
Izod Impact notched, 1/8 in	200	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	131	°C	ASTM D 3418
Vicat Temperature	124	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	960	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

Asia Pacific