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Celanese
The chemistry inside innovation™

TECNOPRENE FKM44 NEGRO 900 - PP

Physical properties	Value	Unit	Test Standard
Density	**1230**	kg/m³	ISO 1183
Melt flow rate, MFR	**5**	g/10min	ISO 1133
MFR temperature	**230**	°C	ISO 1133
MFR load	**2.16**	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	**6700**	MPa	ISO 527-2/1A
Tensile stress at break, 5mm/min	**70**	MPa	ISO 527-2/1A
Flexural modulus, 23°C	**6200**	MPa	ISO 178
Charpy impact strength, 23°C	**35**	kJ/m²	ISO 179/1eU
Izod impact notched, 23°C	**8**	kJ/m²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
DTUL at 1.8 MPa	**140**	°C	ISO 75-1, -2