

TALCOPRENE 1522 SMT U1 NEGRO 900 - PP

Physical properties

ISO	Value	Unit	Test Standard
Density	1060	kg/m ³	ISO 1183
Melt flow rate, MFR	15	g/10min	ISO 1133
MFR temperature	230	°C	ISO 1133
MFR load	2.16	kg	ISO 1133

Mechanical properties

ISO	Value	Unit	Test Standard
Tensile modulus	2450	MPa	ISO 527-2/1A
Tensile stress at yield, 50mm/min	30	MPa	ISO 527-2/1A
Tensile strain at break, 50mm/min	15	%	ISO 527-2/1A
Flexural modulus, 23°C	2250	MPa	ISO 178
Charpy impact strength, 23°C	23	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	3.3	kJ/m ²	ISO 179/1eA
Izod impact notched, 23°C	3.3	kJ/m ²	ISO 180/1A

Thermal properties

ISO	Value	Unit	Test Standard
DTUL at 1.8 MPa	65	°C	ISO 75-1, -2
Vicat softening temperature, 50°C/h 50N	92	°C	ISO 306

