

TALCOPRENE OC3520CM NATURAL - PP

Physical properties

ISO	Value	Unit	Test Standard
Density	1040	kg/m ³	ISO 1183
Melt flow rate, MFR	36	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 stress at yield, 50mm/min	28	MPa	ISO 527-2/1A
Flexural modulus, 23°C	2300	MPa	ISO 178
Flexural stress at max. force	44	MPa	ISO 178
Izod impact notched, 23°C	3.5	kJ/m ²	ISO 180/1A
Izod impact unnotched, 23°C	45	kJ/m ²	ISO 180/1U

Thermal properties

ISO	Value	Unit	Test Standard
DTUL at 0.45 MPa	65	°C	ISO 75-1, -2
Vicat softening temperature, 50°C/h 50N	86	°C	ISO 306