

ARKPP310U

30% Talc Filler
Polypropylene

Product Description:

Ranging from commodity to tailor-made compound

Basic information			
Filler/Reinforced material	Talc Filler,30% Fillers by weight.		
Color	Black Available colors Natural color		
Physical Properties	Rated Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183
MVR (230°C/2.16 kg)	7.00	cm ³ /10min	ISO 1133
Hardness	Rated Value	Unit	Test Method
Ball Indentation	53.0	MPa	ISO 2039-1
Mechanical	Rated Value	Unit	Test Method
Tensile Modulus	2600	MPa	ISO 527-2/1
Tensile Stress			
Yield Point	26.0	MPa	ISO 527-2/50
Fracture	24.3	MPa	ISO 527-2/5
Tensile Strain			
Yield Point	3.5	%	ISO 527-2/50
Fracture	25	%	ISO 527-2/5
Flexural Modulus ¹	3360	MPa	ISO 178
Flexural Stress ²	43.8	MPa	ISO 178
Impact Properties	Rated Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179/1eA
-30°C	1.5	kJ/m ²	ISO 179/1eA
23°C	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	17	kJ/m ²	ISO 179/1eU
23°C	28	kJ/m ²	ISO 179/1eU
Thermal	Rated Value	Unit	Test Method
Heat Distortion Temp			
0.45 MPa, Unannealed	115	°C	ISO 75-2/B
1.8 MPa, Unannealed	66.0	°C	ISO 75-2/A
Electrical Performance	Rated Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Remark			
1	2.0 mm/min		
2	2.0 mm/min		