

<b>ISOFIL</b>	Grade	HK 20 T V0 NA	Code	140031
	Polymer	Polypropylene		
	Application	Injection moulding		

20% talc filled flame retardant polypropylene. Natural colour.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (230°C – 2,16 Kg)	ISO 1133	g/10'	<b>10</b>
Density at 23°C	ISO 1183	g/cm <sup>3</sup>	<b>1,38</b>
Filler Content (1h/600°C)	ISO 3541	%	<b>20</b>
<b>Thermal</b>			
Vicat B50	ISO 306	°C	<b>93</b>
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	<b>3800</b>
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	<b>3,0</b>
Charpy notched impact strength (23°C)	ISO 179/1eA	KJ/m <sup>2</sup>	<b>2,2</b>
Charpy unnotched impact strength (23°C)	ISO 179/1eU	KJ/m <sup>2</sup>	<b>17</b>
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	<b>25</b>
Tensile stress at break (23°C-50 mm/min)	ISO 527-2	MPa	<b>23</b>
<b>Flammability</b>			
Glow Wire Flammability Index GWFI (3,0 mm)	IEC 606925-2-12	°C	<b>960</b>
Flammability class (1,5 mm)	UL94		<b>V0</b>