

TEKUMID 6 P MS Offgrade

PA6

Tekuma Kunststoff GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	240	°C	-
Load	2.16	kg	-
Mechanical properties			
	dry / cond	Unit	Test Standard
ISO Data			
Yield stress	84 / 66	MPa	ISO 527
Strain at break	23 / 80	%	ISO 527
Flexural modulus, 23°C	3400 / 3000	MPa	ISO 178
Charpy impact strength, -30°C	70 / 45	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	13 / 15	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	12 / 12	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5 / -	kJ/m ²	ISO 180/1A
Thermal properties			
	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Electrical properties			
	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	1E13 / 1E10	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2
Other properties			
	dry / cond	Unit	Test Standard
Density	1130 / -	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Europe