

TKC ABS

Acrylonitrile Butadiene Styrene

TKC Kunststoffe e.K.

Message:

TKC ABS is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Europe for injection molding.

General Information			
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
220°C/10.0 kg	22	g/10 min	
230°C/3.8 kg	8.5	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2
Tensile Stress (Yield)	40.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	2.5	%	
Break	6.0	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179
Notched Izod Impact Strength (23°C)	9.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength (23°C)	25	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	91.0	°C	ISO 306/B50

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Recommended distributors for this material

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