

# Tisblend® PC-ABS UNR

Polycarbonate + ABS

Tisan

## Message:

Tisblend® PC-ABS UNR is a Polycarbonate + ABS (PC+ABS) material. It is available in Africa & Middle East or Europe for injection molding.

General Information			
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12 to 1.13	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	3.0 to 5.0	g/10 min	ISO 1133
Molding Shrinkage	< 1.0	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	< 1.0	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	75		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	45.0 to 50.0	MPa	
Break	35.0 to 40.0	MPa	
Tensile Strain			ISO 527-2
Yield	5.0 to 6.0	%	
Break	10 to 12	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	30 to 40	kJ/m <sup>2</sup>	ISO 180/A
Thermal	Nominal Value	Unit	
Melting Temperature	190 to 200	°C	
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	4.0	hr	
Rear Temperature	180	°C	
Middle Temperature	210	°C	
Front Temperature	220	°C	
Nozzle Temperature	210	°C	
Processing (Melt) Temp	195 to 200	°C	
Mold Temperature	60.0 to 80.0	°C	

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Recommended distributors for this material

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