

TECHNO ABS 565

Acrylonitrile Butadiene Styrene

Techno Polymer Co, Ltd.

Message:

TECHNO ABS 565 is an acrylonitrile butadiene styrene (ABS) product. It can be processed by injection molding and is available in North America or Asia Pacific. TECHNO ABS 565 applications include electrical/electronic applications and the automotive industry.

Features include:

flame retardant/rated flame

Heat resistance

General Information			
UL YellowCard	E54297-244231		
Features	Heat resistance, high		
Uses	Membrane key switch		
	Car interior parts		
UL File Number	E54297		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	2.0	g/10 min	ISO 1133
Molding Shrinkage	0.40 - 0.70	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
Class r	109		ASTM D785
R scale	107		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			
Yield	49.0	MPa	ISO 527-2
--	53.0	MPa	ASTM D638
Flexural Modulus			
--	2650	MPa	ASTM D790
--	2210	MPa	ISO 178
Flexural Strength			
--	86.3	MPa	ASTM D790
--	74.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	13	kJ/m ²	ISO 179
Notched Izod Impact	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

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