

I. Stern 750SW

Acrylonitrile Butadiene Styrene

I. STERN & CO. INC.

Message:

ABS 750SW - Medium Impact Natural ABS

Features

Easy color-ability

Injection Molding

Applications

Office Equipment

Electronic parts

Spools, Reels

General Information			
Features	Good Colorability		
	Medium Impact Resistance		
Uses	Electrical/Electronic Applications		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
200°C/21.6 kg	50	g/10 min	
200°C/5.0 kg	4.2	g/10 min	
220°C/10.0 kg	35	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	48.0	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	2350	MPa	ASTM D790
Flexural Strength (Yield)	68.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	250	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	85	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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