

# Jamplast Ex-03 ABS

Acrylonitrile Butadiene Styrene

Jamplast, Inc.

## Message:

Jamplast Ex-03 ABS is a medium-gloss, medium-impact extrusion grade of ABS (acrylonitrile butadiene styrene). It provides a good balance between rigidity and impact strength, and has a stiff melt flow suitable for extrusion and thermoforming. Jamplast Ex-03 ABS is easy to color with ABS color concentrates. This resin is designed for either profile extrusion or substrate coextrusion and can be used alone or blended with a higher-impact resin.

General Information			
Features	Good Colorability		
	Medium Gloss		
	Medium Impact Resistance		
	Medium Rigidity		
Processing Method	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	5.7	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	111		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ASTM D638
Tensile Strength (Yield)	36.0	MPa	ASTM D638
Flexural Modulus	1900	MPa	ASTM D790
Flexural Strength (Yield)	59.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.17 mm	210	J/m	
-40°C, 3.17 mm	75	J/m	
Instrumented Dart Impact (2.50 mm, Total)	31.0	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	
RTI Elec (1.60 mm)	60.0	°C	UL 746
RTI Imp (1.60 mm)	60.0	°C	UL 746
RTI Str (1.60 mm)	60.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94

Optical	Nominal Value	Unit
Transmittance	0.0	%

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

