

Centrex® ST4800

Acrylonitrile Styrene Acrylate + TPE

Network Polymers, Inc.

Message:

Centrex® ST4800 is an Acrylonitrile Styrene Acrylate + TPE (ASA+TPE) product. It can be processed by coextrusion, injection molding, or thermoforming and is available in North America. Applications of Centrex® ST4800 include automotive, agricultural, marine applications and outdoor applications.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- WEEE Compliant
- Chemical Resistant
- Good UV Resistance

General Information			
Features	Durable		
	Good Chemical Resistance		
	Good UV Resistance		
	Good Weather Resistance		
	Low Gloss		
	Soft		
	Sound Damping		
Uses	Agricultural Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
	Marine Applications		
	Outdoor Applications		
Agency Ratings	EC 1907/2006 (REACH)		
	EU 2002/96/EC (WEEE)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Coextrusion		
	Injection Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	15	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	46		ASTM D2240
Impact	Nominal Value	Unit	Test Method

Instrumented Dart Impact			ASTM D3763
Maximum Energy	6.00	J	
Total Energy	8.00	J	
Flammability	Nominal Value	Unit	Test Method
Burning Rate	42	mm/min	ISO 3795
Optical	Nominal Value		Test Method
Gardner Gloss (60°, 1270 µm, Extruded Sheet)	10		ASTM D523
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	0.10	%	
Suggested Max Regrind	15	%	

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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

