

apilon 52c® ESC 62

Thermoplastic Polyurethane Elastomer (PC Based)

API SpA

Message:

apilon 52c® ESC 62 is a Thermoplastic Polyurethane Elastomer (PC Based) (TPU-PC) product. It can be processed by coating and is available in Europe. Applications of apilon 52c® ESC 62 include food contact applications and coating applications. Primary characteristic: rohs compliant.

General Information			
Uses	Coating Applications		
Agency Ratings	FDA 21 CFR 175.105		
	FDA 21 CFR 177.2600		
RoHS Compliance	RoHS Compliant		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	45.0	MPa	
100% Strain	20.0	MPa	
300% Strain	33.0	MPa	
Tensile Elongation (Break)	500	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	200	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Melting Temperature ²	190 to 210	°C	
NOTE			
1.	Without Notch		
2.	Kofler Bench		

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

