

apilon 52c® C 61HV

Thermoplastic Polyurethane Elastomer (Polyester)

API SpA

Message:

The wide range of APILON52 C products consisting exclusively of aromatic thermoplastic polyurethanes is equipped to meet most market demands. The APILON52 C famiy is organized in different chemical types, designed to provide a physical/ chemical performance corresponding to the specific needs of different uses in the FOOTWEAR, CLOTHING, LEATHER GOODS AND FURNISHINGS industries.

POLYESTERS - These are products that are intended for all applications that favour the quality/price ratio of a polymer. Its excellent chemical and mechanical properties make this range a basic starting point for the production of coagulated bases for the synthetic leather industry.

General Information	
Features	Soft
Uses	Footwear Synthetic Leather

Physical	Nominal Value	Unit	Test Method
Solution Viscosity ¹	10000 to 20000	mPa · s	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	45.0	MPa	
100% Strain	5.00	MPa	
300% Strain	9.50	MPa	
Tensile Elongation (Break)	600	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ²	90.0	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Melting Temperature ³	170 to 180	°C	

NOTE	
1.	20% in DMF
2.	Without Notch
3.	Kofler

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

