Sarlink® TPE EE-2268D

Teknor Apex Company - Thermoplastic Elastomer

Friday, April 3, 2026

General Information

Product Description

Sarlink EE-2268D is a medium impact, modified polypropylene used in transportation applications. Sarlink EE-2268D is a high hardness grade and UV resistant. This grade can be processed by extrusion.

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Bondability • Filled • Good Colorability • Good Melt Strength	• Good Processability • High Hardness • High Viscosity • Light Stabilized	• Low Flow • Medium Density
Uses	• Automotive Applications • Automotive Exterior Parts	• Automotive Exterior Trim • General Purpose	
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available	• Natural Color	• Opaque
Forms	• Pellets		
Processing Method	• Extrusion		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus	245000	psi	ASTM D790
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress [2]			ISO 37
Across Flow : 100% Strain	2150	psi	
Flow : 100% Strain	2100	psi	
Tensile Stress [2]			ISO 37
Across Flow : Break	3160	psi	
Flow : Break	3640	psi	
Tensile Elongation [2]			ISO 37
Across Flow : Break	320	%	
Flow : Break	140	%	
Tear Strength [3]			ISO 34-1
Across Flow	1200	lbf/in	
Flow	799	lbf/in	
Compression Set [4]			ISO 815
73°F, 22 hr	63	%	
158°F, 22 hr	86	%	
194°F, 70 hr	93	%	
257°F, 70 hr	100	%	

Revision Date: 7/31/2024

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Hardness	Nominal Value	Unit	Test Method
Shore Hardness [5]			ISO 868
Shore D, 1 sec, Injection Molded	73		
Shore D, 5 sec, Injection Molded	69		
Shore D, 15 sec, Injection Molded	68		

Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air [6]			ISO 188
Across Flow : 230°F, 1008 hr	1.8	%	
Flow : 230°F, 1008 hr	9.0	%	
Across Flow : 100% Strain 230°F, 1008 hr	12	%	
Flow : 100% Strain 230°F, 1008 hr	68	%	
Across Flow : 257°F, 168 hr	-2.8	%	
Flow : 257°F, 168 hr	2.4	%	
Across Flow : 100% Strain 257°F, 168 hr	15	%	
Flow : 100% Strain 257°F, 168 hr	75	%	
Change in Tensile Strain at Break in Air [6]			ISO 188
Across Flow : 230°F, 1008 hr	-58	%	
Flow : 230°F, 1008 hr	-7.2	%	
Across Flow : 257°F, 168 hr	-54	%	
Flow : 257°F, 168 hr	27	%	
Change in Shore Hardness in Air			ISO 188
Shore D, 230°F, 1008 hr [7]	2.3		
Shore D, 230°F, 1008 hr [8]	2.0		
Shore D, 230°F, 1008 hr [9]	2.0		
Shore C, 257°F, 168 hr [9]	1.1		
Shore D, 257°F, 168 hr [7]	1.3		
Shore D, 257°F, 168 hr [8]	1.2		

Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (392°F, 206 sec^-1)	560	Pa·s	ASTM D3835

Legal Statement

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Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	380 to 420	°F
Cylinder Zone 2 Temp.	420 to 460	°F
Cylinder Zone 3 Temp.	420 to 460	°F
Cylinder Zone 4 Temp.	420 to 460	°F
Cylinder Zone 5 Temp.	420 to 460	°F
Die Temperature	420 to 460	°F

Extrusion Notes

Screw Speed: 30 to 100 rpm

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Notes

[1] Typical properties: these are not to be construed as specifications.

[2] Type 1, 20 in/min

[3] Method Ba, Angle (Unnicked), 20 in/min

[4] Type A

[5] 24 hrs

[6] Type 1

[7] 15 sec

[8] 5 sec

[9] 1 sec

Teknor Apex Company
Corporate Headquarters

In U.S. for Vinyls, TPEs, Colorants,

Engineered Thermoplastics (Chem Polymer)
505 Central Avenue
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000
Fax: 401-725-8095
Toll Free (U.S. only) 800-556-3864

www.teknorapex.com
info@teknorapex.com

Teknor Apex B.V.

Brightlands Chemelot Campus Umonderbaan 22
6167 RD Geleen, Netherlands

Phone: +31 46 7020 950
Fax: +31 46 7020 990

www.teknorapex.com
tpe@teknorapex.com

Teknor Apex (Suzhou) Advanced Polymer Compounds Co. Pte. Ltd.

No. 78 Ping Sheng Road

Suzhou Industrial Park
Jiangsu, China 215126

Phone: (86) 512-6287-1550
Fax: (86) 512-6288-8371

www.teknorapex.com
infotaap@teknoapex.com

Teknor Apex Asia Pacific PTE. LTD.

41 Shipyard Road

Singapore 628134

Phone: (65) 6265-2544
Fax: (65) 6265-1821

www.teknorapex.com
infotaap@teknorapex.com

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