

Multibase Multi-Flex[®] TPE A 5521 BLK

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

TPE A 5521 is based on Shell's Kraton technology licensed to Multibase. The product is extensively used in automotive and non-automotive applications. Multi-Flex TPE contains Kraton[®],ç G.Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPE-A-5521-BLK.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.012 cm/cm	0.012 in/in	ASTM D955
Melt Flow	12 g/10 min	12 g/10 min	(Condition L) ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	10 sec; ASTM D-2240
Tensile Strength, Ultimate	5.20 MPa	754 psi	ASTM D412
Elongation at Break	>= 500 %	>= 500 %	ASTM D412
Tear Strength	19.3 kN/m	110 pli	ASTM D624
Compression Set	16 %	16 %	for 70 hours at 23 [°] C; ASTM 395
	47 %	47 %	for 70 hours at 70 [°] C; ASTM 395
	@Temperature 70.0 [°] C	@Temperature 158 [°] F	
	70 %	70 %	70 hours at 100 [°] C; ASTM 395
	@Temperature 100 [°] C	@Temperature 212 [°] F	

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