



CDI
PRODUCTS®

A Michelin Group Company

Material Data Sheet

ARMORLENE® 777

COMPOUND: ARMORLENE® 777

POLYMER: Polytetrafluoroethylene (PTFE)

DESCRIPTION: Unfilled Modified PTFE, Compression Molded Stock Shapes and Machined parts

Property	Test Method	ASTM D4894 TYPE III, GRADE 1	Internal Specification Values	Typical Values	Units
Specific Gravity	ASTM D792	2.14 – 2.22	2.15 – 2.22	2.18	-
Hardness	ASTM D2240	N/A	53 - 63	58	SHORE-D
Tensile Strength at Break	ASTM D1708	4,060 (28.0) Minimum	3,000 (20.68) Minimum	4,200 (28.96)	PSI (MPa)
Elongation at Break	ASTM D1708	450 Minimum	300 Minimum	425	%
Total Deformation Under Load @ 24 Hrs, 2,000 PSI, 70 °F	ASTM D621	N/A	3.5 Maximum	3.0	%

NOTE:

1. ASTM D4894, Type III, Grade 1 material properties are tested on molded specimens
2. CDI internal specification is based on material properties tested on molded stock shapes

REV. B – Updated company name and disclaimer statement, 4-10-2023 RSK

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