

TECHNICAL DATASHEET: 60 Durometer FDA Grade Industrial EPDM

PRODUCT DESCRIPTION

60 Durometer FDA Ethylene Propylene (EPDM) is an odorless, tasteless and non-toxic rubber product that displays a natural resistance to bacterial growth.

TYPICAL APPLICATIONS

- General gaskets, counter tops, non-slip pads and skirting used in food processing
- Butcher shops, pharmaceutical processing, commercial kitchens, hospitals, food processing plants, cosmetics industry, industrial plants and grocery stores

PRODUCT FEATURES & BENEFITS

- Natural resistance to bacterial growth
- Good resistance to ordinary diluted acids and alkalis
- Superior resistance to hot and cold weather
- Heat, ozone and weather resistant
- Meets FDA 21 CFR 177.2600

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/8", 1/4"	
COLOR	White	
FINISH	Smooth	
POLYMER	Solid EPDM	
DUROMETER/HARDNESS (SHORE A)	60 ±5	ASTM D2240
TENSILE STRENGTH	1000 psi min.	ASTM D412
ULTIMATE ELONGATION	300% psi min.	ASTM D412
COMPRESSION SET 22 hrs @ 158°F	50% max	ASTM D395B
TEMPERATURE RANGE	-40°F to 250°F	
SPECIFIC GRAVITY	1.33 gr/cc	
HARDNESS CHANGE AFTER HEAT AGING 22 HOURS @ 212°F	+/- 15 points max.	ASTM D573
TENSILE CHANGE AFTER HEAT AGING 22 HOURS @ 212°F	-30% max.	ASTM D573
ELONGATION CHANGE AFTER HEAT AGING 22 HOURS @ 212°F	+/- 50% max.	ASTM D573
FDA 21 CFR 177.2600	Pass	
ASTM D2000: 1BA610	Rated	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**