

# 7430 Firm

NewMet 7430 (formerly 7429) is a closed cell silicone sponge material designed for fire retardant applications. It is uv/ozone resistant. The material is produced in sheets up to 915 x 915mm with textured surfaces. Gaskets and soft adhesive parts are available.

Soft (7130S), medium (7330M) and firm (7430F) grades allow material to be chosen for the required compression force deflection.

Applications	<ul style="list-style-type: none"><li>Gaskets</li><li>Seals</li></ul>
Product Features	<ul style="list-style-type: none"><li>Durable</li><li>Fire retardant</li><li>High temperature applications</li><li>Low water absorption</li><li>UV/Ozone resistant</li><li>Vibration isolation</li><li>Wide temperature range</li></ul>
Quality standards	<ul style="list-style-type: none"><li>BMS 1-60 Type 1 Grade C</li><li>On request</li></ul>
Markets	<ul style="list-style-type: none"><li>Aerospace</li></ul>

## Typical properties

Product Property	Value	Test Method
Colour	Grey	
Density (kg/m3)	560	ASTMD 1056
Compression Force Deflection (kPa) @ 25% deflection	96 -151	ASTMD 1056
Compression Set (%) max 22hrs @ 100°C	35	ASTMD 1056
Tensile Strength (Mpa)	1.38 min.	ASTMD 412
Elongation (%)	250 min.	ASTMD 412
Water Absorption (%)	5 max.	ASTMD 1056
Temperature Resistance (°C)	-55 to +204	
Sheet Size & Thickness	up to 915 x 915mm from 1.6mm thick	

NewMet Ltd.  
Tel: +44 (0) 1992 711111. Fax: +44 (0) 1992 768393. email: [materials@newmet.com](mailto:materials@newmet.com)

*Newmet House, Rue de Saint Lawrence, Waltham Abbey, EN9 1PF, Essex, UK.*  
*Company registered office address: as above*

Place of registration: England & Wales Registratio



©2024 NewMet