



# Product Specification Sheet

## Foam Grade Quantum 210 FR

### Scope

The material defined by this specification is flexible cellular polyether foam.

### Grade Identification

Future Foams grades are identified by an industry common coding system.

This coding system specifies a foams density and its hardness.

The first two numbers represent the density of the foam grade, and the numbers after the dash represent the hardness of the foam.

### Conditioning

All test specimens shall be conditioned according to AS2282.1 and AS2282.2

	<u>Test Method Reference</u>	<u>Specification</u>
Density:	AS 2282.3	38 – 40 Kg/m <sup>3</sup>
Hardness:	AS 2282.8	210 +/- 25 Newtons at 40%
Fire Retardant:	AS/NZ 4088.1 BS5852 2006 Modified	Pass Pass
Tensile Strength:	AS 2282.6	110 kPa minimum
Resilience:	AS 2282.11	55% minimum
Tear Strength:	AS 2282.7	0.25 n/mm width minimum
Compression Set:	AS 2282.9	8% max at 75%
Elongation:		140% minimum

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