



Product Specification Sheet

Foam Grade Quantum 85

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/m3
Hardness:	AS 2282.8	85 +/- 15 Newtons at 40%
Fire Retardant:	AS/NZ 4088.1	Pass
Tensile Strength:	AS 2282.6	70 kPa minimum
Resilience:	AS 2282.11	55% minimum
Tear Strength:	AS 2282.7	0.25 n/mm width minimum
Compression Set:	AS 2282.9	10% max at 75%
Elongation:		160% minimum

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