

D30® SET ELASTOMERS



D30 uses a combination of patented, patent-pending and proprietary technologies to make rate sensitive, soft, flexible materials with high shock absorbing properties.

Our extensive material portfolio is compatible with many different production processes, with each material grade formulated and tuned to deliver specific performance properties.

Our current materials portfolio falls into four groups: Set Foams (Sf), Formable Foams (Ff), Set Elastomers (Se) and Formable Elastomers (Fe).

D30® Set Elastomer grades can be engineered into structures and designs that offer unrivalled shock absorption and achieve a thinner, more detailed impact protection layer.

D30® Set Elastomers are strong and versatile. They can be used in various products and applications, particularly those where low profile or flexibility in the cold are important.

D30® Set Elastomers

Code name	Synonym	Hardness range	5 J Impact	10 J Impact	20 J Impact	Resiliency	Tensile strength	EaB	Tear strength
SE004	BOHM	51	2.8	6.8	-	11	3.5	235	2.4
Method reference*		DTS004	DTS059	DTS059	DTS059	ISO 8307	EN ISO 37-2	EN ISO 37-2	ASTM D624
Units		Shore A	kN	kN	kN	mm	MPa	%	N/mm

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Values shown represent typical product characteristics. For full details including material properties and product tolerances, please request SOQ document from D30 representative. The information provided is not intended to and does not create any warranties, expressed or implied, including any warranty of merchantability of fitness for a particular purpose. In accordance with the Company's policy of continuous improvement, D30 reserves the right to apply such improvements to its products and materials without notice. This data sheet shall not be reproduced or amended without the written consent of Design Blue Limited.

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