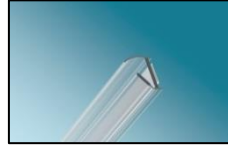


## MATERIAL DATA SHEET

DESCRIPTION

**GLASS DOOR SEAL FOR  
12.0/12.8MM GLASS X 3M LONG**



ORDER CODE

**GDS 3616**

PARAMETER	VALUE
MATERIAL – FLEXIBLE SECTION	TRANSLUCENT POLYETHER TYPE POLYURETHANE ELASTOMER
SPECIFIC GRAVITY (ASTM D795)	1.12
HARDNESS (ASTM D2240)	85° SHORE A
TABER ABRASION (ASTM D1044)	30mg LOSS
DIN ABRASION (DIN 53516)	30MM <sup>3</sup> LOSS
ELASTIC MODULUS (ASTM D412)	20MPA
FLEXURAL MODULUS (ASTM D790)	30MPA
TENSILE STRENGTH (ASTM D412)	35MPA
TENSILE STRESS @ 100% ELONGATION (ASTM D412)	10MPA
TENSILE STRESS @ 300% ELONGATION (ASTM D412)	20MPA
ULTIMATE ELONGATION (ASTM D412)	530%
TEAR STRENGTH (ASTM D624 DIE C)	70NM
COMPRESSION SET (22 HOURS @ 70°C)	45%
COMPRESSION SET (22 HOURS @ 23°C)	25%

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GDS 3616 CONTINUED

PARAMETER	VALUE
MATERIAL – RIGID SECTION	TRANSLUCENT COPOLYMER
DENSITY (D792)	1.27G/CM <sup>3</sup>
TENSILE STRESS @ YIELD (D638)	50MPA
TENSILE STRESS @ BREAK (D638)	29MPA
ELONGATION @YIELD (D638)	4%
ELONGATION @ BREAK (D638)	109%
FLEXURAL MODULUS (D790)	2200MPA
FLEXURAL STRENGTH (D790)	72MPA
HARDNESS (D785)	106° ROCKWELL R
IZOD IMPACT STRENGTH – NOTCHED @ 73°C (D256)	94J/M
IZOD IMPACT STRENGTH – NOTCHED @ -40°C (D256)	52J/M
ADHESIVE BACKING MATERIAL	TRANSPARENT ACRYLIC ADHESIVE POLYETHYLENE LINER
THICKNESS – ADHESIVE	0.78 – 0.82MM
THICKNESS – LINER	0.11 – 0.13MM
90° ROLL PEEL STRENGTH ON GLASS AFTER 24 HOURS STORAGE @ 23°C ± 2°C (DIN EN 1464)	50N / 25MM
TEMPERATURE RANGE – APPLICATION	+18° TO +35°C
TEMPERATURE RANGE – OPERATING	-40° TO +150°C