

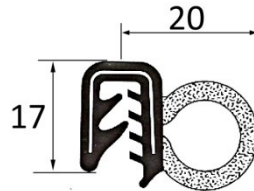
DATA SHEET

KR 002/R

EPDM COMPOUND: V7

70 IRHD EPDM PEROXIDE CURED

BS 4255 / BS 7412



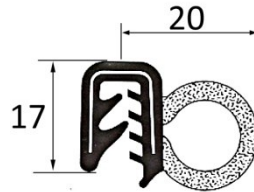
Test Method / Spec	Typical Value
Hardness (IRHD) 70 +/- 5	69
Tensile Strength(mPa) > 10.5	10.5
Elongation at break (%) > 200	315
Tear Strength (Kn/M) > 11	12
Air Aged 70 Hrs @ 100°C	
Hardness Change (IRHD) < 10	2
Tensile Change (%) > -15	5
Elongation Change(%) > -40	0
Air Aged 10 Days @ 70°C	
Hardness Change (IRHD) +/- 5	2
Tensile Change (%) > -25	-1
Elongation Change(%) > -25	7
Compression Set 22 Hrs / 70°C (%) < 25	7
O-Zone resistance, 20% elongation @ 40°C, 100pphm/98Hrs/ -10°C <12	6
Cold Bend test @ -30°C	No Cracks
Migration Resistance (mg) < 5	0.02
Staining Resistance	No Stain
UV Stability	No Cracks

DATA SHEET

KR 002/R

CLOSED CELL EXPANDED EPDM: KWE4

ATSM D1056, RE42, B2, C1



Test Method	Specification	Typical Value
Density	0.45 / 0.55 cm ₃	0.5 cm ₃
B2		
Compression Set 22 Hrs @ R.T	50% Deflection 25% Max.	21%
C1		
Weather Resistance	No Cracks	No Cracks
Compression Deflection	25% Deflection	
	7 PSI +/- 2	6 PSI
Heat Aging 7 Days @ 70°C		
Deflection Change	+/- 30 %	+ 30%