

4° PART*

TECHNICAL DATA SHEET OF GASKETS: G 63, G 65, G 59

TECNO PRO 235 MATERIAL: MECHANICAL AND PHYSICAL PROPERTIES

	Testing method	Units	Value
Specific weight	ISO R 1183	gr/cm ³	1,42
Hardness	ISO 868		79,5
Coefficient of elasticity	ISO 178	N/mm ²	2700
Ultimate tensile stress	ISO 527	kg/cm ²	360
Breaking elongation	ISO 527	%	110
Temperature Vicat 5 Kg	ISO 306	°C	76
Yield point	ISO 527	kg/cm ²	390

SIGIPLAST 101 MATERIAL: MECHANICAL AND PHYSICAL PROPERTIES

	Testing method	Units	Value
Specific weight	ASTM D 792	gr/cm ³	1,35
Hardness	ASTM D 224	Shore A	62
Ultimate tensile stress	ASTM D 638	kg/cm ²	130
Breaking elongation	ASTM D 638	%	400
Working maximum temperature	-	°C	70
Stiffening temperature	ASTM D 1043	°C	-48

TECNO PRO 208 MATERIAL: MECHANICAL AND PHYSICAL PROPERTIES

	Testing method	Units	Value
Specific weight	ASTM D 792	gr/cm ³	0,88
Hardness	ASTM D 224	Shore D	35
Yield point	ASTM D 638	MPa	9
Yield elongation	ASTM D 638	%	55
Ultimate tensile stress	ASTM D 1525	MPa	11
Breaking elongation	ASTM D 256	%	460
Coefficient of flexion elasticity	ASTM D 790	MPa	350

Material composition (Gaskets): G 63 TECNO PRO 235 MATERIAL , SIGIPLAST 101, **G65** TECNO PRO 208 MATERIAL, **G 59** TECNO PRO 235 MATERIAL, SIGIPLAST 101