

DESCRIPTION: Rigid polyurethane foam manufactured in continuous process

PHYSICAL AND MECHANICAL PROPERTIES	METHOD	UNIT	50	80	100	150	250	350
Density	ISO 845	kg/m ³	45÷55	70÷90	90÷115	135÷170	230÷270	320÷380
Hardness		Shore D				8÷10	22÷27	30÷35
Compressive strength parallel to rise	ISO 604	MPa	0.3÷0.4	0.6÷0.8	1.0÷1.2	1.4÷1.8	3.2÷4.4	6÷8
Compressive strength perpendicular to rise	ISO 604	MPa	0.2÷0.3	0.4÷0.6	0.7÷0.9			
Flexural strength	ISO 178	MPa		0.9÷1.2	1.5÷1.7	2.0÷2.5	4.8÷6.0	8÷10
Linear thermal expansion coefficient	ISO 11359	10 ⁻⁶ K ⁻¹					60÷70	60÷70
Deflection temperature HDT	ISO 75	°C					55÷65	55÷65

Technical data reported in this document are based on laboratory tests, nevertheless they are provided without any obligation on our part. The user of the product must verify by an own test the product suitability for the intended application and purpose.