

TYPICAL PROPERTIES URETHANE FOAMS

Material Description	4701-30-15	4701-30-20	4701-30-25	4701-40-15	4701-40-20	4701-40-25
Colour	Black	Black	Black	Black	Black	Black
	Typical Value					
Density kg/m ³ (+/-10%)	240	320	400	240	320	480
Thickness (mm)	4.8-12.7	1.6-3.2	0.8-1.14	4.8-12.7	1.6-3.2	0.8-1.14
Compression Force Deflection @25% Deflection (kPa)	7-35	21-55	35-83	27-55	48-90	104-276
Compression set @ 23°C ASTM D1667 D	2% Max			5% Max		
Temperature range (°C) ASTM D746	-50 to 90			-40 to 90		
Tensile strength (kPa) ASTM D 3574	138	207	242	276	518	829
Water absorption AMS 3658	2%					-
Thermal Conductivity (W/m.K) ASTM C518	-	0.076	-	-	0.086	-
Hardness (Shore A) ASTM D 2240	<3	5	12	8	12	25
Flammability	UL94HBF	UL94HBF from 2.4 mm	MVSS302 from 1.6 mm	UL94HBF	UL94HBF	-