

BC TS-404 Polyol and BC TS- 2009 Isocyanate

Four Component Polyurethane

COMPONENTS:

- A: BC TS-404
- B: BC TS-2009
- C: BC Catalyst TS-C1
- D: TS-C1 DD

SPECIFICATIONS

Appearance		Semi Solid	Liquid
Melting Point	°C	80	80
Semi Solid Melting Point	hours	12	12
Solid Material Melting Point	hours	24	24
Viscosity at 35 °C	cps	4000-4500	200-250
Specific gravity at Work Temperature		1.17	1.18
Working Temperature	°C	50-60	50-60
Cream Time	seconds	6-15	
Thread Time	seconds	22-35	
Demolding Time	minutes	2-4	
Mold Temperature	°C	55-60	
Free Rise Density	g/cm ³	0.29-0.35/0.65-0.7	



Mechanical Properties of Foam

Properties	Unit of Measurement	Mid Sole	Out Sole
Specific gravity	g/cm ³	0.45-0.5	1.00-1.20
Shore Hardness	Shore A	50-55	65-70
Elongation at Break	%	Greater than 500	Greater than 500
Tensile Strength at Break	MPa	Greater than 200	Greater than 200
Tear Resistance	N/mm	Greater than 15	Greater than 15
Abrasion Resistance	mm ²	Less than 50	Less than 50
Flexural fatigue resistance	mm	0	0

Packing:-

BC TS-404 Polyol	220 Kgs
BC TS-2009 Isocyanate	250 Kgs
BC Catalyst TS-C1	200 Kgs
BC TS-C1 DD	200 Kgs

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