

TECHNICAL DATA SHEET

C-100

C-100 resins are pale yellow catalytic polymerization aromatic hydrocarbon resins obtained from polymerizing unsaturated aromatic olefins and diolefins derived from the process of thermal cracking of naphtha.

C-100 used for rubber compounding agent for tires, tubes, rubber coated clothes, and it can be used in CR adhesive and SBR adhesive, also can be worked as binder for asphalt used in road paving.

TYPICAL PROPERTIES

Softening Point (Ring & Ball, °C)	95-105	
<u>ASTM E 28</u>		
Initial Color (Gardner in 50% toluene)	4 - 7	
<u>ASTM D1544</u>		
Melt Viscosity BFR, @200°C, cps	180	ASTM
<u>D 3236</u>		
Bromine Value (Br ₂ g/100g)	25 max	ASTM
<u>D 1195</u>		
Acid Value (KOH Mg/g)	0.1 max	
<u>ASTM D 974</u>	<u>Specific Gravity (20/20 °C)</u>	1.08
Ash content (wt.%)	0.05 max	
Flash Point (°C)	275 min	
Heat Resistance (200°C 3h, Gardner)		
<u>ASTM D1544</u>		
Molecular Weight (G.P.C, Mw)	1,800	

PACKING

C-100 is available both in 25Kg multi-ply paper bags and 500kg bags.

STORAGE

C-100 should be stored in cool ventilated dry place. Recommended temperature no exceeding 35°C.