



Mfg. of : Waxes, Oils, Petrochemicals

Chandri Wax Specialities Pvt. Ltd.

(Formerly known as Chandri Paper and Allied Products Pvt. Ltd.)

CIN No. : U21010MH1981PTC024447

PRODUCT DATA

CHANDROL TYRE WAXES

PRODUCT CATEGORY: CHANDROL MICRO WAXES

PRODUCT NAME: CHANDROL MCW TYRE - 1080

Description

Products made from Natural or Synthetic rubbers are exposed to natural sunlight when used Chandrol micro wax helps create a thin film of wax reducing the damage caused to the product by harmful UV rays and ozone penetration.

CHANDROL MCW TYRE - 1080 is specifically designed for tyre applications both made from synthetic and natural rubbers, CHANDROL MCW TYRE - 1080 is designed keeping in mind the hot weather of India and the Indian road conditions and operating conditions of tyre in India.

The high centrifugal force obtained when tyre is being used combined with high temperatures will result in wax coming on the surface of the tyre and forming a thin film protecting the tyre from damage from ozone and UV rays thus protecting the tyres from any damage.

Application

Protecting the tyres from harmful UV rays and Ozone exposure when the tyre is in use and the operating temperature is high specifically designed for Indian roads and weather conditions

Benefits

Easy dispersion

Even and timely migration UV

protection

Ozone protection



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CHANDROL MCW TYRE - 1080

Sr. No.	Parameter	Specification	Chandrol MCW Tyre-1080	Test Method
1	Appearance	White to Yellow Pellets	Off White Pellets	Visual
2	Congealing Point	63.0°C – 70°C	67.0°C	ASTM D 938
3	Drop Melting Point	75.0°C- 82.0°C	78.0°C	ATSM D 127
4	Viscosity @ 100°C	6.5 – 7.2 Cst	6.8 Cst	ASTM D 445
5	Refractive Index @ 100°C	1.4288 ± 0.0032	1.430	ASTM D 1747
6	Ash Content	0.1 % Max	0.019 %	ASTM D 482
7	Oil Content	1.0% Max	0.79%	ASTM D 721
8	Centring Point of the Peak	C ₂₅ ±1 C ₃₂ ±1	C ₂₆ C ₃₂	ASTM D 5442
9	Normal Hydro Carbon			ASTM D 5442
	C ₂₀ =	0.1 – 1.2%	0.97%	
	C ₂₁ =	0.8 – 3.0%	2.60%	
	C ₂₂ =	1.5 – 5.0%	4.47%	
	C ₂₃ =	3.8 – 6.5%	5.84%	
	C ₂₄ =	5.5 – 8.5%	6.56%	
	C ₂₅ =	6.0 – 9.0%	7.04%	
	C ₂₆ =	6.0 – 9.0%	7.16%	
	C ₂₇ =	5.5 – 8.5%	7.05%	
	C ₂₈ =	5.8 – 8.0%	6.29%	
	C ₂₉ =	6.0 – 8.5%	5.64%	
	C ₃₀ =	6.0 – 8.5%	5.50%	
	C ₃₁ =	5.5 – 8.5%	6.07%	
	C ₃₂ =	5.5 – 8.5%	6.25%	
	C ₃₃ =	5.5 – 7.5%	6.15%	
	C ₃₄ =	4.0 – 7.0%	5.20%	
	C ₃₅ =	3.0 – 6.0%	4.18%	
	C ₃₆ =	1.0 – 5.0%	2.80%	
	C ₃₇ =	0.8 – 4.0%	1.93%	
	C ₃₈ =	0.5 – 3.5%	0.63%	
	C ₃₉ =	0.0 – 2.0%	0.20%	
	C ₄₀ =	0.0 – 1.2%	0.07%	
10	Normal Hydro Carbon			ASTM D 5442
	C ₂₀ - C ₂₄	11.0 – 23.0%	20.44%	
	C ₂₅ - C ₂₉	28.0 – 44.0%	33.17%	
	C ₃₀ - C ₃₄	25.0 – 50.0%	29.17%	
	C ₃₅ - C ₄₀	4.0 – 20.0%	9.80%	

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