



Hydrocarbon Resin for Tire and Rubber

Type	C5 Resin		C5/C9 Resin		DCPD Series		C9 Resin
Item	O1102	UP-100	S2090	S2100	CPD5100	UP-140	UCH-100
Color, Gardner (max)	3	2.5	3.5	3.5	3-6	12	10
Softening Point (R&B)	97-103	96-102	83-90	89-97	95-110	131-140	95-105
Molecular Weight(Mw)	2050	2700	1400	2100	1500	1350	-

Characteristics:

- O-1102 is designed for tire inner liner to maintain proper inflation pressure.
- UP-100 is pure isoprene based resin which has best compatibility with IR and NR, is designed for lower the heat built-up for tread base of PCR/TBR /LTR tires.
- S2090/ S2100 is used to improve tire anti-slippery.
- CPD5100 which has amount of unsaturated bond brings higher Indene value designed for increase tear resistance and flexing property for OTR /TBR and AR tire, also improve the rubber elongation and wearing property.
- UP-140 is alicyclic graft aromatic copolymerization resin which have low molecular weight and higher softening point. It designed for increase the chip- cut property for OTR/ TBR/AC Tires.
- UCH series resin is cost-effective C9 resin works as reinforcing filler used in rubber compounding.