























## Typical Physical Properties KRISTALEX hydrocarbon resins

Some products contain physical properties that are not displayed in the columns below. To locate the information needed, please choose the product link below. The properties may be found on the datasheet, SDS or sales specification.

### KRISTALEX hydrocarbon resins

Products	Ring and Ball Softening Point	Color <sup>a</sup>		Cloud Point <sup>b</sup>			Molecular Weight <sup>c</sup>				Data Sheet	SDS
	ASTM E 28	Hunterlab b, 5 cm path length	YID	DACP	MMAP	OMS	M <sub>n</sub>	M <sub>w</sub>	M <sub>w</sub> /M <sub>n</sub>	M <sub>z</sub>		
<a href="#">Kristalex™ F85</a>	82-88 °C	max 9.0	-	-	-	-	650	1050	1.6	1650		
<a href="#">Kristalex™ F100</a>	96-104 °C	max 9.0	-	-	-	-	800	1400	1.8	2200		
<a href="#">Kristalex™ F115</a>	114-120 °C	max 9.0	-	-	-	-	1150	2030	1.8	3300		
<a href="#">Kristalex™ 1120</a>	119 °C	-	7	-35 °C	5 °C	>180 °C	800	2800	3.5	7600		
<a href="#">Kristalex™ 3070</a>	70 °C	-	7	<-50 °C	0 °C	8/3 °C	650	950	1.5	1450		
<a href="#">Kristalex™ 3085</a>	85 °C	-	4	<-50 °C	1 °C	36/32 °C	650	1150	1.8	1900		
<a href="#">Kristalex™ 3100</a>	100 °C	-	5	<-50 °C	5 °C	76/68 °C	700	1500	2.1	2550		
<a href="#">Kristalex™ 3100LV</a>	100 °C	-	7	<-40 °C	6 °C	-	700	1450	2.1	2400		
<a href="#">Kristalex™ 3115LV</a>	120 °C	-	-	<-40 °C	5 °C	-	900	2,100	2.4	3,700		
<a href="#">Kristalex™ 5140</a>	139 °C	-	4	-48 °C	9 °C	>180 °C	1500	4900	3.3	12100		
<a href="#">Kristalex™ 5140LV</a>	140 °C	-	7	<-40 °C	10 °C	>180 °C	1650	4650	2.8	8950		

<sup>a</sup> - 50% resins solids in toluene

<sup>b</sup> - MMAP: cloud point measured in a 1:2 mixture of methylcyclohexane and aniline; DACP: cloud point measured in a 1:1 mixture of xylene and 4-methyl-2-pentanone; OMS: odorless mineral spirits cloud point; For more information see "Hydrocarbon Spectrum", WA-86

<sup>c</sup> - Molecular weight measured via Gel Permeation Chromatography (GPC) using polystyrene standards