




# Dispersants I

## EO-PO-EO block copolymers

	Pluronic® PE 10400	Pluronic® PE 10500	Pluronic® PE 10500 solution B
<b>Products and functions</b>	EO-PO-EO block copolymers		
<b>Description</b>	EO-PO-EO block copolymer (~40% EO content)	EO-PO-EO block copolymer (~50% EO content)	EO-PO-EO block copolymer (~50% EO content)
<b>CAS number<sup>1)</sup></b>	9003-11-6	9003-11-6	9003-11-6
<b>Function</b>	Non-ionic dispersant for SC and SE	Non-ionic dispersant for SC and SE	Non-ionic dispersant for SC and SE
<b>Formulation type</b>	SC, SE	SC, SE	SC, SE
<b>Sustainability</b>			
<b>Bio-based carbon</b>			
<b>Biodegradability</b>			
<b>Labeling</b>			
<b>RSPO MB certification</b>			
<b>Product properties</b>			
<b>Appearance</b>	Paste	Paste	Liquid
<b>Active content (%)</b>	100	100	~18
<b>Molar weight (g/mol)</b>	5900	6500	6500
<b>Viscosity at 23°C (mPa·s)</b>	-	-	10
<b>Density at 23°C (kg/l)</b>	-	-	1.0
<b>Solubility in water<sup>2)</sup></b>	Soluble	Soluble	Soluble
<b>SST (mN/m)<sup>3)</sup></b>	38	39	39
<b>Freezing point (°C)</b>	34	44	-9
<b>Registration/ Exemption</b>			
<b>China</b>	IECSC	●	●
<b>EU</b>	REACH <sup>4)</sup>	●	●
<b>USA</b>	TSCA <sup>5)</sup>	●	●
<b>USA EPA:</b>	40 CFR 180	960	960
<b>USA EPA:</b>	4B List <sup>6)</sup>	●	●
			non-food use only

<sup>1)</sup> CAS number of main component

<sup>2)</sup> Solubility in water: soluble ≥ 2g/l; insoluble < 2g/l

<sup>3)</sup> Static surface tension (SST) measured at 1g/L concentration

<sup>4)</sup> REACH registration: The product may be traded inside the European Union (EU), i.e. the ingredients are either registered or exempted

<sup>5)</sup> Listed as active in TSCA inventory

<sup>6)</sup> Per internal review OMRI eligible product