

# SUNPAN-160

Chemical Name	Polyacrylonitrile	<b>Technical Data Sheet</b>
INCI Name	Polyacrylonitrile	
CAS No.	70892-43-2	2012-08-21
Appearance	Yellowish powder	Version 2.0
Odor	Faint Odor	

<b>Specification</b>			
<i>Item</i>		<i>Limit</i>	<i>Test Method</i>
1. Moisture(%)		1.5 Max.	K.F. Method
2. Avg. Particle Size( $\mu\text{m}$ )	D <sub>50</sub>	17.0~22 $\mu\text{m}$	Malvern Mastersizer 2000 [SJ-MM-02]
	D <sub>100</sub>	60~75 $\mu\text{m}$	
3. Size distribution		Poly-dispersed	
4. Cross linkage		Cross-linked	

<b>Characteristics &amp; Application</b>	Poly-dispersed and cross linked bead. Standard cross-linked SUNPAN bead for the industrial application such as coating, paints and resin. Texture, Anti-scratch
<b>Shelf Life</b>	Two Years in a closed container
<b>Toxicology</b>	The information available on SUNPAN-160 gives no indication of any risk of toxicity, if the application and the concentrations used are as recommended.
<b>Material Safety Data Sheet</b>	MSDS is available.