



# C - PAK CERGAS SDN. BHD.

(284752 X)

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A DOU YEE COMPANY <sup>TM</sup>

## C-PAK Plastic Reels Material Data Sheet

Product Name: ANTISTATIC COATED POLYSTYRENE REELS MATERIAL

Revision : 12

<u>General Properties</u>			
<u>CHARACTERISTICS</u>	<u>ASTM METHOD</u>	<u>UNITS</u>	<u>TYPICAL VALUES</u>
<u>Physical Properties</u>			
Specific gravity	D-792		1.05
Melt Flow Index (MFI) 200°C	D-1238	g/10min	4.5
<u>Mechanical Properties</u>			
Tensile Strength @ Yield	D-638	Mpa	32
Elongation @ Break	D-638	%	29
Flexural Strength	D-790	MPa	58
Izod Impact Strength (Notched)	D-256	J/m	81
<u>Thermal Properties</u>			
Heat Deflection Temp. @ 66 psi	D-648	deg.C	87
@ 264 psi	D-648	deg.C	75
<u>Electrical Properties</u>			
Surface resistivity	D-257	ohms/sq	10 <sup>9</sup> -10 <sup>11</sup>
<u>Appearance</u>			
Color			Black Ultra Blue Neptune Blue Natural White
Baking temperature : max.50 degree C up to 48 hrs			
** Reel is fully loaded with carrier-tape until the edge of the reel			
Shelf life for the plastic reel is 4 years after coated with antistatic solution.			
**Plastic reel in C-Pak stored indoors with its original packing in a climate environment typically at temperature 45°C or lower. All products must be protected from exposure to direct sunlight.			