

Technical Data Sheet

Manufacturer:

China Resources Chemical Innovative Materials Co.,Ltd

Product:

Product Quality Specifications

Grade:

CR-6612J / CR-7718 / CR-7719

Quality Grade:

AA

Specifications:

Item		Unit	CR-6612J	CR-7718	CR-7719
			AA	AA	AA
Intrinsic Viscosity	IV	dL/g	0.620±0.015	0.680±0.015	0.695±0.065
Isophthalic Acid Content	IPA	%	4.0±0.3	4.0±0.3	4.0±0.5
Colour	L-value	—	≥57.0	≥82	≥80
	a-value	—	—	-2.0±0.3	-2.0±0.6
	b-value	—	-1.0±0.3	-2.5±0.3	-2.5±0.6
Diethylene Glycol Content	DEG	%	1.30±0.2	1.3±0.2	1.3±0.2
Carboxyl End Group Content	- COOH	mmol/kg	23±5	≤35	≤40
Peak Melting Temperature (DSC)	Melting Point	°C	—	242±3	242±5
Powder	Powder	mg/kg	—	≤100	≤100
Off-colour Particles	—	particles/500 g	None	None	None
Weight of 100 Chips	100 chips WT	g	1.60±0.10	—	—
Moisture	Moisture	%	—	≤0.2	≤0.2
Ash	Ash	%	—	≤0.08	≤0.08

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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Remarks:

1. Testing Method: Refer to GB/T 17931-2018.
2. CR-7719 with an intrinsic viscosity of 0.760-0.780 and other properties within the specified ranges is classified as 8818 AA.
3. CR-6612J that does not meet the AA quality specification limits is classified as A1.
4. For any adjustments to CR-6612J specifications, the instruction sheet shall prevail.

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