

XINJIANG TIANYE — PVC RESIN SG-5

Product quality specification published on the manufacturer's website

Official page: xj-tianye.com/c/www/hgcp/843.html

Test item	Superior grade	First grade	Qualified grade
Viscosity number (mL/g) (K value / avg. polymerization)	118-107 (68-66 / 1135-981)	118-107 (68-66 / 1135-981)	118-107 (68-66 / 1135-981)
Impurity particles (pcs) ≤	16	30	80
Volatile matter incl. water (%) ≤	0.40	0.40	0.50
Apparent density (g/mL) ≥	0.48	0.45	0.42
Residue on 250 μm sieve (%) ≤	2.0	2.0	8.0
Passing / fine fraction at 63 μm (%) ≥	95	90	85
"Fish eye" count (pcs/400 cm ²) ≤	20	40	90
Plasticizer absorption (g/100 g resin) ≥	19	17	—
Whiteness (160°C, 10 min) (%) ≥	78	75	70
Water-extract conductivity [μS/(cm·g)] ≤	5	5	—
Residual VCM - Industrial grade (μg/g) ≤	5	10	30
Residual VCM - food grade (μg/g) ≤	5	5	5
1,1-Dichloroethane - food grade (mg/kg) ≤	150	150	150

Note: This is a clean visual reconstruction of the SG-5 specification table from Tianye's official product page; it is not a batch-specific Certificate of Analysis (COA). The current bag shown by the user states GB/T 5761-2018, while the archived factory product page references the earlier GB/T 5761-2006 standard.