



Baotou Sea Level Polymer Industry Co., Ltd.

包头海平面高分子工业有限公司

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中国内蒙古包头市希望工业园区

PVC RESIN GRADE SG-5

SG-5 PVC resin is a medium molecular weight resin, general purpose, vinyl suspension resin designed primarily for the extrusion of rigid products where consistent particle size distribution, low contamination and residual VCM levels are important. This resin has good color and thermal stability.

Suggested Applications

SG-5 is typically used in rigid PVC compounds which can be processed through the modern high output, multi-screw extruders to produce pipe, siding, window, door, and fence lineals.

Parameter		Grade
Standard: GB/T 5761-2018		SG-5
Value		65-67
Polymerization Degree		1000+/-50
Number of Impurity Particles	≤	16
Volatile Content (incl. water) %	≤	0.29
Apparent Density(g/ml)	≥	0.52
Particle Size	≥ 0.25mm	≤ 0.2
	≥ 0.063mm	≥ 99.6
Number of Fish Eye(/400cm ²)	≤	14
Plasticizer Absorption of 100g Resin	≥	26
Whiteness (160°C, 10 min)/ %	≥	84
VCM Residue PPM	≤	3

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