

1091 PVC

Westlake 1091 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.

PVC-1091 is listed in PPI Technical report, '*PPI PVC Range Composition Listing of Qualified Ingredients*' (TR-2/2006), under section IV, 'Listings of Qualified and Functionally Equivalent Ingredients', Table 1 – PVC Resin.

Suggested Applications

Westlake 1091 is typically used in rigid PVC compounds which can be processed through the modern high output, multi-screw extruders to produce pipe, siding, windows, doors, and fences.

TYPICAL PROPERTIES

Appearance (Visual Observation)	Free Flowing White Powder
K-value (ISO1628-2)	65
Inherent Viscosity (ASTM D5225)	0.90
Volatiles (%) (maximum)	0.30
Bulk Density (g/cc) (ASTM D1895)	0.54
Particle Size (ASTM D1921)	
Through 40 mesh (% minimum)	99.9
Through 200 mesh (% maximum)	5.0
ASTM Cell Classification (ASTM D1755)	GP4-16460
Residual VCM (EPA Method 107)	1 ppm max (Export)

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