

# PVC

## K6701+

### Description

K6701+ is a medium molecular weight Polyvinyl Chloride homopolymer Suspension resin produced by the suspension process.

### Processing

After mixing with appropriate additives, K6701+ is suitable for processing by the extrusion process.

### Applications

K6701+ is characterized by medium molecular weight and low porosity, making it easier to gel and to achieve high output rates. K6701+ is suitable for a range of clear and opaque rigid applications where both easy processing at high output rate and high mechanical properties are important. It is typically used for the following applications:

- Rigid pipes-potable water pipe, SWR pipe and drainage pipe
- Rigid profiles, particularly window profiles
- Rigid sheets - opaque and clear
- Rigid duct, conduit and trunking for telecommunication and cable management
- Wire and cable insulation and sheathing
- Footwear compounds
- Flexible calendared sheets - supported and unsupported

Properties	Test Procedure	Unit	Typical Value
K-Value	INEOS PM01	Number	67±1
Particle size < 63 µm (230 mesh)	ASTM D 1921-06	%	3.0 max
Particle size > 250 µm (60 mesh)	ASTM D 1921-06	%	5.0 max
Bulk Density	ASTM D 1895-03	g/ml	0.54 – 0.59
Dark Resin (in 100 gms)	INEOS PM06	Number	25 max
Heat Loss (moisture)	ASTM D 3030-06	%	0.3 max

\*The above are typical values, they are for guidance only, and must not be used as a basis for specifications.

### Regulatory Information

Some applications of this product, like cosmetics packaging, drinking water pipes, food & food additives packaging, personal care packaging, etc., may be regulated or restricted by applicable laws and regulations or by national or international standards, in different countries. It is the sole responsibility of the customer and producer of the end product to ensure that the final material or article complies with all relevant regulations in their respective geography.

### Storage

Store in a cool, dry, well-ventilated area or silo, away from sources of heat, flame and sparks.

### Packing

The product is available in 25kg bags as well as 1250kg jumbo bags.

The information supplied in this publication relates to prime quality products only. It is based on our general experience and is given in good faith without any warranty/ guarantee. It is recommended that the user satisfies himself on the aspects of full-scale testing and end product performance.