



PVC Colouring Compounding and Processing

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Product Specification for PVC Masterbatches

			Colour								
Typical Properties	Unit	Black	Grey	Red	Orange	Green	Brown	Blue	Egg White	Yellow	
1 Specific Gravity (ASTM D 792)	-	1.36 ± 0.03	1.30 ± 0.03	1.33 ± 0.03	1.35 ± 0.03	1.35 ± 0.03	1.38 ± 0.03	1.35 ± 0.03	1.48 ± 0.03	1.35 ± 0.03	
2 Shore 'A' Hardness, 15 sec @ 23°C (ASTM D 2240)	Nos.	90 ± 3	90 ± 3	95 ± 3	90 ± 3	87 ± 3	86 ± 3	87 ± 3	87 ± 3	87 ± 3	
3 Tensile Strength (without aging) ASTM D 638	Kg/cm ²	130	150	160	150	150	130	150	160	150	
4 Elongation (min.) (without aging)	%	180	210	210	200	200	175	200	200	200	
5 Volatile Loss (At 130°C, 3 hrs (max.))	%	1.0	0.75	0.75	1.0	1.0	0.75	1.0	0.75	0.75	
6 Thermal Stability (At 200°C)	Minute	50	60	40	50	40	45	50	50	60	
7 Volume Resistivity (min.) Conditioning at 27°C	ohm-cm	5.5 X 10 ¹¹	1.1 X 10 ¹³	1.5 X 10 ¹³	5.5 X 10 ¹⁰	6 X 10 ¹¹	5 X 10 ¹¹	6 X 10 ¹²	3 X 10 ¹²	6 X 10 ¹¹	

Note: The information given herein is based on the present state of our knowledge but any conclusions and recommendations are made assessment of our products under their own conditions and for their own requirements without liability on our part.