

PVC COLOURING COMPOUNDING & PROCESSING

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Product Specification for PVC Master-batches

Typical Properties / Test Methods	Unit	Colour								
		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 @ 2 ASTM D 2240	Nos.	90 ± 3	90 ± 3	95 ± 3	90 ± 3	87 ± 3	86 ± 3	87 ± 3	87 ± 3	87 ± 3
3. Without Ageing										
a. Tensile Strength ASTM D 638	Kg/cm ²	130	150	160	150	150	130	150	160	150
b. Elongation (min.)	%	180	210	210	200	200	175	200	200	200
4. Volatile Loss At 130 ^o C, 3 hrs (max.)	%	1.0	0.75	0.75	1.0	1.0	0.75	1.0	0.75	0.75
5. Thermal Stability At 200 ^o C	Minute	50	60	40	50	40	45	50	50	60
6. Volume Resistivity (min.) Conditioning at 27 ^o 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 without liability on our part. Buyers and users should make their own assessment of our products under their own conditions and for their own requirements.