

MOCAP

MOCAP LIMITED
HORTONWOOD 35
TELFORD SHROPSHIRE
GREAT BRITAIN, TF1 7YW

Material Specification for 9238 Series Formulation

PRODUCT	9238 SERIES VINYL FORMULATION
Material 9238-001	Colour White
Material 9238-040	Colour Blue
Material 9238-002	Colour Black
Material 9238-033	Colour Yellow
Material 9238-005	Colour Grey
Material 9238-011	Colour Red
Material 9238-021	Colour Green

Special colours can be formulated at extra cost

TYPE	PVC Plastisol - UV Stabilised
COMPOSITION	Blend of vinyl polymer and specialised plasticisers (not intended for toy trade, food contact or medical applications) Non-toxic high quality heat and light-fast pigments and stabilised with Barium/Zinc and/or Calcium Zinc based systems
APPLICATION/USE	The formulation has been designed for general purpose use providing a glossy finish
APPEARANCE	Glossy can be formulated to a matt finish
<u>PHYSICAL PROPERTIES</u>	
VISCOSITY	3000 +/- 500 CPS @ 20°C (BROOKFIELD SPINDLE 3 / 10 RPM - RV VISCOMETER)
SPECIFIC GRAVITY	1.15 +/- 0.02 GCM ³ @ 20°C
SHORE A HARDNESS	75 +/- 3 SHORE A HARD
TENSILE STRENGTH (ASTM D412)	15 MNM ²
TAR STRENGTH (ASTM D624)	250 +/- 50 PPI
ELONGATION	350 +/- 50%
SERVICE TEMPERATURE	MINIMUM - 20°C MAXIMUM - 70°C - depending on the environment 100°C intermittent depending on the environment
FLAMMABILITY RATING	(UL 94 VERTICAL BURN TEST) N/A
GLD FLEX TEMPERATURE	BS 2782 104B - 30°C

Note: Normal thickness range for round caps 1.52mm +/- 0.25mm.

1 - November 2001

D. Richardson
6/20/05 -