

## TECHNICAL DATA SHEET

### PVC Compound – UPH 303 Flexible Polyvinyl Chloride Compound

#### Product Description

UPH 303 is the combination of PVC virgin and additives, it is used to make end product with flexibility such as outer layer of garden hose, tube.

#### General Specification

Features	Opaque
Use	Garden hose, flexible hose, flexible tube
Agency ratings	Lead free, RoHS 1.0
Material status	Pellet, size 3x3 mm, packing 25 or 1000 kgs/ bag
Pellet Appearance	Bright yellow
Processing method	Extrusion

#### Technical Properties

Physical	Norminal Value	Unit	Test Method
Density	1.41 ± 0.03	g/cm <sup>3</sup>	ASTM D792
Mechanical	Norminal Value	Unit	Test Method
Tensile Strength (Break)	> 6	N/mm <sup>2</sup>	IEC 60811-1.1
Elongation (Break)	>100	%	IEC 60811-1.1
Hardness	Norminal Value	Unit	Test Method
Hardness (delay 15 sec)	67 ± 3	Shore A	ASTM D2240
Thermal	Norminal Value	Unit	Test Method
Thermal Stability at 200°C	> 30	mins	IEC 60811-3-2
Extrusion Processing	Norminal Value	Unit	
Temperature	140 to 180	°C	

#### Notes:

- The compound should be dried at about 80°C before the extrusion.
- Temperature of each machine may be different. Please adjust to optimize processing and results.

The product should be stored in dry conditions at temperatures below 25°C protected from direct sunlight. If these protective measures are not taken into account impairment of the product is possible. This can result in degradation of the color, smell or loss of other properties. The data and information contained are presented in good faith, and are based on USMASTERBATCH's current knowledge and experience. They are provided for guidance only. Because many factors may affect processing or application/use of the product. USMASTERBATCH recommends that the reader carry out its own investigations and tests to determine the suitability of a product for its particular purpose prior to us.