



## TECHNICAL DATA SHEET TPV 'In-Sport' Coloured Granulate for Sports Surfaces

### DESCRIPTION

- **TPV** is a coloured granulate product designed by **Rosehill Polymers Ltd** and is the alternative to the coloured granules presently available for the use on sports surfaces. TPV IN SPORT is generally broadcast or spray applied onto the sports surface.

It is produced using state of the art technology under strict in-house quality controls.

It is a virgin material produced from a high-grade polymer, which is free from Zinc, sulphur, polyaromatic hydrocarbons, heavy metals and Phthalates.

Contrary to popular belief, being a vulcanised thermoplastic material does **not** mean that TPV will leach out harmful sulphurs or peroxides into the environment. Unlike other TPE's the vulcanisation process ensures that the granule will continue to perform in all weather extremes. It is ideal for use all over the world irrespective of weather conditions and temperatures.

It has been formulated to give optimum performance at a realistic price.

**TPV** offers excellent thermal stability and does **not** leach out carbon black or coloured pigments like many of its rivals on the market. The product is UV stable and weather resistant. It will not embrittle with age.

**TPV** offers colour consistency from bag to bag.

**TPV** will not self ignite nor will it assist to further fuel a fire.

**TPV** offers you the next generation of consistent coloured granulate for a resilient, hardwearing indoor or outdoor sports surface.

- **TPV** is highly durable and is seen as a major breakthrough for the use in children's safety surfacing, multi-games areas (MUGA'S), swimming pool surrounds, tennis courts and running tracks. It offers excellent compatibility with polyurethane binders and adhesives. It also compliments our Flexisport and Flexitop anti slip spray coatings
- **TPV** is also used as an Artificial Grass infill and as a preferred alternative to coloured EPDM in children's playgrounds. Please refer to separate sheets – TPV IN-FILL & TPV IN-PLAY for more information.

Please contact our Sales Dept on 00 44 (1422) 839456 for further information on TPV IN-Sport, TPV 'In-Play' and 'In-Fill', together with our full range of polyurethane binders and adhesives.

## HEALTH AND SAFETY

- No risk towards human health and/or environment because of carefully selected ingredients
- Absence of toxic or carcinogenic ingredients
- It is also recommended that you refer to the information offered in the material safety data sheet (MSDS) for this product.

## TYPICAL PROPERTIES

### TPV

Appearance	Angular granules
S.G.	1.55 Kg/dm <sup>3</sup> Tolerance $\pm$ 0.05
Hardness Shore A	65°A Tolerance $\pm$ 5
Tensile Strength	>3.0 mpa
Elongation @ break`	>400%
Particle size	0.5-1.5mm IN SPORT 1-4mm IN PLAY 0.5 – 2.5mm for grass infill
Colours currently available	Over 24 colours in the range <b>All colours are more UV stable than current competitor alternatives</b>