

TDS

Technical Data Sheet

1. Substance Identity & Company Information

Product Material	: Pelletized Polypropylene Recycled Film
Manufacturer	: PT. ECO RAMAH LESTARI Jl. Raya Mauk km.7 no.72, Sepatan, Tangerang 15530 Banten – INDONESIA
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2. Component Information

General Name	: Homopolymer Polypropylene
Chemical Name	: Poly(1-methylethylene)
Chemical Molecular Formula	: $(C_3H_6)_n$
Class	: Polyolefin
Common Local Name	: PP+
Grade Product Name	: PPSpr1

3. Physical and Chemical Properties

Physical Properties

Physical	: Solid
Color	: Natural Light Tea Color
Odor	: Slight
Pellets Form	: Cylindrical
Approximate Sizes	: ± 5 mm length , dia $\varnothing \pm 2-3$ mm
Melting Point	: $160^{\circ}C$
Recommended	
Temperature Proceed	: $170^{\circ} - 200^{\circ}C$
MFR ($230^{\circ}C$, 2.16kg)	: 9,95 g/10min
Density	: $0,92 \text{ g/cm}^3$
Screening Mesh	: 88-110-100
Tensile Strength	: 370 kg/cm^2

4. Other information

PPSpr1, are recommended for producing the general purpose small injection moulding Product, Raffiah Rope, common extrusion methods, include production of melt-blown and spun-bond fibers, Fishing Net & Rope, Pipe and woven sack.

Processing Condition : The recommended temperature setting is range of 170°C – 200°C

5. Identification of hazardous substances

Hazard level of ingredients	: This Product consists primarily of high molecular weight re-pelletized which are not expected to be hazardous
Health effects on eyes	: - In powder form can cause irritation to the outside of the eye - Smoke from heating material can cause severe pain and irritation - Contact with hot material when melting can cause burns
Influence on skin health	: - Basically this material is not an irritating material, but repeated contact can cause irritation - Smoke from heating material can cause skin irritation and damage - Contact with hot material when melting can cause burns on skin
Influence on digestive health	: basically this material is not an ingredient that causes irritation, but if swallowed in large quantities, you should check to the nearest hospital
Influence on respiratory	: In powder form can cause respiratory tract irritation, when heated to 300°C, the product will change to a form of vapor or smoke that can cause respiratory tract irritation, coughing and difficulty breathing.
Note	: In this TDS data data is correct, with completed with simply hazardous substances , even though it may be inappropriate in certain cases. we are not responsible if there is damage or accident caused by abnormal use, because it ignores instructions for use or the level of risk (danger) that exists in the nature of the product
Date of Analysis	: 17 June 2022
Further evaluation	: 17 Dec 2022

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