



PLASTIC PIPE SYSTEMS.
SMART.
EFFICIENT.
SUSTAINABLE.

DEFINITIONS OF PLASTIC PIPE MATERIALS



PIPA PLASTICS INDUSTRY
PIPE ASSOCIATION
OF AUSTRALIA LIMITED

VIRGIN MATERIAL²

Plastics material in a form such as granules or powder, which has not been previously processed other than for compounding, and to which no rework or recyclable materials have been added.

RECYCLED MATERIAL²

Plastics material resulting from the recycling of post-consumer and/or pre-consumer plastics products, reprocessed that can be made into pipes or fittings in accordance with the relevant product Standard.

POST-CONSUMER^{1&2}

Plastics material generated by households or by commercial, industrial, and institutional facilities in their role as end-users of the product that have fulfilled their intended purpose or that can no longer be used.

PRE-CONSUMER^{1,2&3}

Plastics material diverted from the waste stream during a manufacturing process or from unused products. Excluding manufacturers own rework, regrind or scrap.

REWORKED MATERIAL²

Plastics scrap material which is generated from the manufacturers own production of pipes or fittings that has been retained within plants owned and operated by the same legal entity (also known as own re-processed material).

Note: Transportation from one plant to another of the same legal entity is considered as retained.

ROUGH-CUT REGRIND

Plastics material from post-consumer, pre-consumer or reworked sources that has gone through shredding and /or granulation size reduction processes producing an irregular shaped particle of varying size. This material may be washed or unwashed.

RE-PELLETISED MATERIAL

Rough-cut regrind material that has gone through an extrusion process converting it into regular size and shaped pellets.

MICRONISED MATERIAL

Plastics material, typically PVC that has been finely ground into powder.

Notes:

- 1 Definition is based on AS 14021¹ Environmental labels and declarations – Self declared environmental claims (Type 2 Environmental Labelling) (ISO 14021:2016MOD)²
- 2 Definition is based on CEN/TS 14541.1 “Plastics pipes and fittings – Utilisation of thermoplastics recyclates Part 1 Terminology”
- 3 Previously defined as Post-Industrial.



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