

## Technical Data Sheet

Product Name: **Anti-Oxidant Masterbatch**

Grade: **RP76A01**

### Description:

**RP76A01** is a high quality anti-oxidant masterbatch containing best kinds of additives in polyethylene resin. This grade provides excellent protection against thermal and chemical degradation of polymer during processing. It also improves product performance in the long term applications. The main application of this grade is pipe and profile extrusion lines, blown films and packaging industry, and also is suitable for using in HDPE, LDPE, LLDPE, EVA and PP.

### General Information:

<b>Material Status:</b>	<i>Commercially Active</i>
<b>Delivery form:</b>	<i>Pellets</i>
<b>Color:</b>	<i>Colorless</i>
<b>Processing Method:</b>	<i>Pipe extrusion lines, Blown films, Injection molding, etc</i>
<b>Application:</b>	<i>Different size pipes, Agriculture films, Packing films</i>
<b>Packing:</b>	<i>25 kg</i>

### Characteristics:

	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
Density	0.95	gr/cm <sup>3</sup>	ASTM D 792
MFI (190 °C, 2.16 Kg)	5	gr/10min	ASTM D 1238

### Recommendation:

- The recommended dosage is 1 to 4 % depending on desired final application of product
- Store in dry place away from direct sun exposure
- The appropriate shelf life is 24 months after producing date
- The recommended dosage for obtaining OIT  $\geq$  20 min is 2 to 4 % in virgin and recycled PE

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