



## TECHNICAL DATA SHEET

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### **PP MFI ENHANCER MASTERBATCH / MELT FLOW INDEX MODIFIER**

Flowtech Peroxide Masterbatches are polypropylene carrier masterbatch containing peroxide. It is used to increase the MFI (melt flow index) of the polypropylene and polypropylene compounds and more it improves its molecular weight distribution.

#### **SPECIFICATIONS:**

Active Peroxide Content %	2-5-7-10-15 %
Appearance	Milky Granules
Drying Loss	< 0,10 %

#### **APPLICATION:**

Flowtech Peroxide Masterbatches are only used in PP and PP Compounds applications where HIGH melt flow is needed.

Even, the low addition level is processable on every thermoplastic equipments.

#### **ADDITION RATE:**

Experimental results of extrusions at 230 °C.

The test results given on below table are presented in good faith and are based on our current knowledge on internal tests and customer's end experience.

Different MFI values with dosages will logarithmically increase the MFI value of the product accordingly.

#### **PACKAGING:**

Flowtech Peroxide Masterbatches are packed in 25 kg kraft bag.

It is safe and easy to handle. Store in cool area and keep away from the heat source. Improper storage conditions may cause degradation on physical properties of the product.



**TEST RESULTS on our GRADES:**

POLYMER	H-4010 Addition %	Starting MFI Value	Final MFI Value
PP Recycle	0,50 %	3	15
PP Recycle	0,50 %	10	40
PP Recycle Mix	1,00 %	11	24
PP Recycle Mix	0,70 %	3	12
PP Recycle Clean	1,00 %	16	28
PP Recycle Clean	1,00 %	7	23
PP Recycle	0,50 %	5	25
PP Recycle	0,50 %	10	40
PP Recycle Mix	1,00 %	9,30	19,90
PP Virgin	1,00 %	4	48
PP Virgin	2,00 %	4	119

POLYMER	B-3010 Addition %	Starting MFI Value	Final MFI Value
PP Recycle	0,50 %	3	21
PP Recycle	0,50 %	10	48
PP Recycle Mix	1,00 %	11	31
PP Recycle Mix	0,70 %	3	16
PP Recycle Clean	1,00 %	16	36
PP Recycle Clean	1,00 %	7	28
PP Recycle	0,50 %	5	30
PP Recycle	0,50 %	10	45
PP Recycle Mix	1,00 %	9,30	19,90
PP Virgin	1,00 %	4	54
PP Virgin	2,00 %	4	124
EPP Recycle	0,60 %	6,60	26
EPP Recycle	0,80 %	6,60	33,50
EPP Recycle	1,00 %	6,60	55

POLYMER	B-3005 Addition %	Starting MFI Value	Final MFI Value
PP Virgin	0,40 %	5	25
PP Virgin	0,70 %	10	40
PP Virgin	0,50 %	4	21
PP Virgin	1,00 %	25	98
PP Virgin	2,00 %	30	165