

M MOULDPRO®

Multipurge

Mouldpro Multipurge is a cleaning compound in pellets, concentrate, which has to be mixed at 10% with every thermoplastic, especially studied to clean barrel, screw and head of extrusion from carbon residuals, deposits, incrustations in changing colour and material.

TEMPERATURE RANGE: **Mouldpro Multipurge** works efficiently from 80°C up to 420°C.

It is enough to prepare the blend with your own thermoplastic which can resist at the temperature of the machine and of the material to be cleaned.

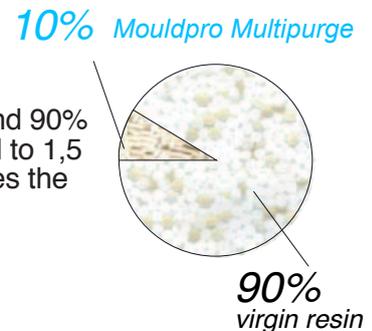
Mouldpro Multipurge is odourless, non-toxic; it doesn't contain it isn't abrasive.

All components of **Mouldpro Multipurge** solvents and are qualified as Generally Recognized as Safe (GRAS) by FDA.

Mouldpro Multipurge is environmentally safe.

HOW TO USE IT: **Mouldpro Multipurge** is in pellets form. Before to use it, it is needed to prepare the blend.

1. Find out the barrel capacity of your machine from the throat to the die head in Kgs (amount of resin needed to fill the entire barrel from the hopper to the head included).
2. Once found out this capacity, prepare the blend with 10% of **Mouldpro Multipurge** and 90% of your thermoplastic (with MFI equal or lower of the one to clean), in an amount equal to 1,5 times the capacity of the barrel. Take also a quantity of virgin material equal to 1,5 times the barral capacity.
3. Eject the prior polymer completely.
4. Increase 10°- 20° C the temperature of cylinder and head of extrusion.
5. Purge out with virgin material followed by the blend prepared earlier with **Mouldpro Multipurge**.
6. Purge out completely the blend of **Multipurge** continuously from the head leaving no material into the cylinder.
7. Purge out with virgin resin* until this is totally cleaned (it depends by the contamination of your machine).



* the very last step must be done with virgin resin or the following material, setting up the next temperature production.

Note: Just for the very first purge it may be necessary to run a second cycle of Mouldpro Multipurge blend in order to get a good result (recommended).

Using Multipurge on a regular basis will allow you to decrease the quantity necessary for the purge.

INDICATION REQUIRED AMOUNT OF **Mouldpro Multipurge**

∅	LD20 KG	TWIN SCREW KG	LD25 KG	TWIN SCREW KG
20	0.10	0.20	0.12	0.25
30	0.30	0.60	0.40	0.80
40	0.70	1.40	0.90	1.80
50	1.50	3	1.80	3.60
60	2.50	5	3	6
70	4	8	4.80	9.60
80	6	12	7.20	14.50
90	8	16	10.20	20.50
100	11	22	14	28
120	20	40	24	48

