



VALUE PLASTICS, INC.
A NORDSON COMPANY

April 24, 2012

Re: Pro-fax PD626 Polypropylene Discontinuation

Dear Valued Customer:

If you are receiving this letter, you have purchased products from Value Plastics, in the above referenced material (also designated with an extension of **(-6, -6002, -6007, -61, -62, -63, -64, -65, and -65B)** on our part numbers, in the past 24 months.

We have received notice from the distributor of the LyondellBasell(LB), PD626 resin, that LB will discontinue the manufacture of this resin, effective no later than August 31, 2012. This communication from LB supersedes any previous communications they have provided with regards to offering the material with a different additive. The decision of LB is entirely out of the control of Value Plastics, or our resin distributor, and we have no ability to change it.

To assist our customers in this transition, Value Plastics, has secured enough PD626 material to supply parts until the end of 2012, based on previous, and current demands. In addition, last year, Value Plastics began offering an alternate polypropylene material (P5M6K-080) offered by Flint Hills Resources. This material is identified with extension "-6005" in the VP part number. The P5M6K polypropylene offers the advantage of being animal free, and USP Class VI, which many of our customers prefer. A comparison of the two materials is provided on the attached sheet. Our resin distributor has also recommended this material as an alternate to the PD626.

We apologize for any inconvenience that this situation creates for our customers. Although this decision is entirely out of our control, Value Plastics is here to assist our customers through this transition and will strive to ensure the timely delivery of our products. Please contact Value Plastics sales at 1-888-404-5837 or sales@valueplastics.com to get price and availability of parts in the -6005, Flint Hills polypropylene.

Sincerely,

Chuck Philipp
Vice President

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General	<u>Profax PD626 "-6"</u>	<u>Flint Hills P5M6K-080 "6005"</u>
Manufacturer/Supplier	LyondellBasell	Flint Hills Resources
Generic Material	PP homopolymer	PP random copolymer
Additive		Clarifier
Primary Features	* good color stability * radiation (gamma) resistant * radiation sterilizable	* high clarity * no animal derived components * radiation sterilizable
Agency ratings		* DMF unspecified rating * FDA 21 CFR 177.1520(c) 3.1a * ISO 10993 Part 5 * USP Class VI

ASTM & ISO Properties¹

Physical		<u>Unit</u>	<u>Test Method</u>
Specific Gravity	0.902		ASTM D792B
Density		0.9 g/cm ³	ASTM D1505
Melt Mass Flow Rate (MFR)			ASTM D1238
230° C/2.16 kg	12	27 g/10 min	
Mechanical			
Tensile Strength			ASTM D638
Yield		4500	
Yield ²	4500		
Tensile Elongation (Yield)	13	14	ASTM D638
Flexural Modules			
1% Secant		140000 psi	ASTM D790
1% Secant ³	160000	psi	ASTM D790A
Tangent		145000 psi	ASTM D790
Impact			
Notched Izod Impact			
73° F		1.4 ft lb/in	ASTM D256
73° F	0.7	ft lb/in	ASTM D256A
Gardner Impact (73° F)		239 in lb	ASTM D5420

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Hardness			
Rockwell Hardness (R-Scale)	86	85	ASTM D785
Thermal			
Deflection Temperature Under Load			ASTM D648
66 psi, Unannealed	181	178 °F	
Optical			
Haze (50.0 ml)		13 %	ASTM D1003

(1) Typical properties, not to be construed as specifications

(2) 2.0 in/min

(3) .039 in/min

NOTE: The data above has been provided to Value Plastics. Value Plastics, makes no representation as to its accuracy. Customers are encouraged to analyze all of the material data for the above referenced materials, as provided from the resin suppliers on the VP website, and further on the websites of the resin suppliers.

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