

Preferred Design Recognition Review Program HDPE Base Resin used for Blow Molded Containers Subject Application Instructions

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Introduction

Application Instructions are specific to each application (design feature and container type) that are within the scope of the Preferred Design Recognition Review Program, the PDR Program. Application Instructions detail the information that must be submitted to the APR in application for an PDR Recognition Review. Information must be submitted on the Submission Portal found on the APR website. |

HDPE base resins used for blow molded containers are candidates for PDR review effective December 2022

Preparation for the application

APR will not ask for, nor require, any confidential composition or end customer information from the applicant.

To complete an application on the Submission Portal, the applicant will need to be prepared to supply all the information listed below that is necessary for the PDR Review. Some information will be entered into text boxes, other information will be submitted by uploading documents or files to the Submission Portal found on the APR web site.

In the case of HDPE base resins, the PDR Review anticipates that applicants will submit data describing a named family of natural or colored HDPE resins that can be employed for blow molded HDPE containers.

- **Company name, address, and logo** – you will be asked to enter the address to be used for any written communications concerning PDR Review. You have the option to upload your company's logo for use in program materials.
- **Person responsible for this submission** - Name, phone number and email address
- **Billing contact** - Name, phone number, email address, billing address, Purchase Order number (if applicable), Individual to contact should payment be made by credit card.
- **Documentation that the resin meets the definition of preferred HDPE resin, as per the APR design guide** – Provide a signed letter confirming that any HDPE resin sold under the named

family of resins will meet the APR Guidance listed below. The letter will contain words to the effect that:

- “ HDPE resins sold under the XYZ Brand or Tradename of resins are natural or colored resins that were developed for blow molding container applications and satisfy the APR Guidance for such HDPE resins listed in the APR Design® Guide for Plastics Recycling. For illustration, data speaking to the bulleted guidance immediately below for a specific resin grade sold under the Brand name is detailed in the letter. Data will be kept on file for each specific resin sold under the XYZ Brand for inspection by the APR should that ever be necessary to confirm compliance with PDR Criteria.

And Base resin used to make blow molded containers will satisfy this APR Guidance:

- Melt index between 0.20 and 1.61 g/10min and density between 0.941 to 0.970 g/cm³
Additional information - Melt index measured using ASTM D1238 and density measured using ASTM D792.
- Ethylene derived from either petroleum or natural renewable products is suitable for manufacture of HDPE
- Packages produced with the highest possible level of postconsumer HDPE content are encouraged
- **Signed copy of the PDR Subject Agreement** – Applicants can download the Subject Agreement from the APR web site. The document can be signed, scanned, and submitted with the application.