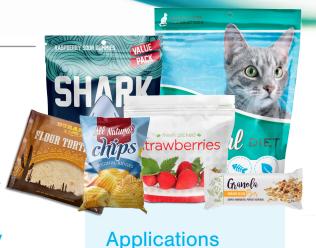




## Recyclable PE Barrier Film Designs

### Want sustainable stand-up pouches and flexible packaging?

Look no further. NOVA Chemicals has developed a range of film structure designs with all the features you expect of high-performance flexible packaging - and the added benefit of recyclability. With these designs, you can achieve the sustainability missing with traditional mixed-material packages without sacrificing performance or cost-effectiveness.





## Sustainability

### Recyclability and performance without the premium price tag

- Base recipes approved for How2Recycle® Store Drop-off consumer label\*
- · Cost-effective replacement for nonrecyclable PET/PE laminate packs



## Versatility

### Film structures can be used in a wide range of applications

- · Roll stock is suitable for a wide range of end user packaging lines
- · Easy incorporation of zippers or fitments to create recloseable packages
- · Options for clear product windows



Is recyclable barrier film right for you? It's ideal

for flexible film packaging

applications including:

- Stand-up pouch
- · Pillow pack
- Flow wrapper
- · Sachet pouches
- · Premade pouches
- Lidding films



### Suitable for conventional conversion and packaging equipment

- · Structures designed to run on pre-made pouch, HFFS/VFFS and horizontal flow wrap lines
- Wide processing windows ensured by new Octene LLDPE resins with improved sealant characteristics
- · Surface printed co-ex or reverse printed laminated film



# **Performance**

### Structures provide excellent consumer feel and barrier properties for robust shelf life

- Stiffness matching typical PET/PE laminated structures used to create stand-up pouches
- Exceptional MVTR performance of only 0.04g/100in<sup>2</sup> per day for 3.5 mil film structures
- Moisture + oxygen barrier recipes available; OTR as low as only 0.05cc/100in<sup>2</sup> per day for 3.5 mil film structures

# Frozen foods

- · Dry and liquid food
- Snack foods & confectionery
- Pet food and treats
- · Household chemicals

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